

## Quality Marks

*Quality First, Safety always and Environment a friend has been our Quality Policy since 26 years*

This commitment has enabled NLC to be recognized by the most essential certification bodies in the lighting field around the Globe. Along with and Vendor approvals from every major entity in Saudi Arabia



NLC is an ESCO , we have the certification and ability to perform energy audits and savings



NLC has versions of LED products that are in compliance to the American Standard in Lighting published by UL – Underwriters Laboratories



NLC supplies LED products that are in compliance to the SASO - Saudi Arabian Standards Organization



We proudly announce that NLC has a strict Quality management system as we adhere to the latest version of the ISO 9001:2015



Environment is one of our primary objectives, as we are in compliant to Environment System published by the ISO 14001:2015. NLC is certified by the Presidency and Metrology of Saudi Arabia. We hereby commit on supply of only environment friendly products and making the world a greener place



NLC has vendor ID's and approval from Saudi Aramco, Royal Commission, Red Sea, Saudi Electric Company, SABIC, Municipalities and all Ministries



## Tarshid Project

Tarshid project - Najran  
 Tarshid Project - Arrar & Rafha  
 Tarshid Project - Al Baha  
 Tarshid Project - Tabuk  
 Tarshid Project - Jubail

## Aramco Projects

Aramco Wasit ISF Project  
 KAPSARC Project  
 Manifa Gas Plant  
 Tanajib Gas Plant  
 Shaybah Gas Plant  
 Yanbu Export Refinery  
 Medral Building - Dhahran  
 Thouwal Development Tower  
 Dhahran Medical Centre  
 VIP Houses - Dhahran  
 Dhahran National School  
 Abqaiq Medical Clinics  
 Berri Gas Plant  
 ACA Facilities NGL Recovery Plant  
 Udiliyah Buildings  
 Uthmaniya GOSP  
 Madinah Bulk plant  
 Dhahran Housing Package 1 to 7  
 Khursaniyah Production Facilities  
 Qurrayah Sea Water Plant  
 Jebel Dinning Recreation complex - Udaliyah  
 Wellcore Facility - Dhahran  
 Emergency Response Complex ERC - Jizan  
 Yanbu Distribution Hub in Plant  
 Aramco Road STP - Jizan  
 JRTF - Jizan Refinery Tank Farm  
 70 Villas Uduliyah - Rashed Contracting  
 UOSP Petrohigh Project

## EPC Projects

Maaden Rolling Mill - Samsung  
 Shaiba NGL Package - Samsung  
 WASIT CO-GEN Steam Plant -Aramco  
 Thama Cogeneration plant  
 STBLOP Processing Lube  
 ISF WASI GAS PLANT  
 Fadhli Gas plant - Petrofac  
 Fadhli Gas plant - Nesma  
 Yanbu Power & Desalination plant  
 Rabigh IPP-2 Substation  
 Marafiq Package 5 & 6  
 Qurrayah Co Generation Power Plant  
 Shuqaiq Steam Power Plant  
 Yanbu phase 2 - Water Desalination plant  
 Jizan Water Treatment Plant - SWCC  
 Jizan North & South Tank Terminal  
 AZN North Kuwait - Water Plant  
 Rabigh 2 Common utilities  
 Dahreen Port Expansion  
 Manifa Co Generation Gas plant

## Governmental Projects

Dammam Airport LED Street Lights  
 GOSI Training Colleges - Hako, Jazah, Shnan, Samtha  
 Public Security - Riyadh Gym, Tabouk Gym, Jizan Admin  
 Ministry of Civil Affair Offices - Qasim, Abha, Najran, Taif, Arrar, Baha, Hafr Batin. Jizan  
 Ministry of information - Dual Radio TV station - Jizan, Tabouk, Hail  
 Ministry of Defence - Riyadh Training Centre,  
 Ministry of Defence - King Saud Military Base  
 Ministry of Defence - Hareeq Project (building 1&2)  
 Ministry of Defence - Schools  
 Ministry of Defence Riyadh - 1 Patriot  
 Ministry of Defence - Armed Forces Hospital - Kharj  
 Ministry of Defence - Armed Forces Hospital - Jeddah  
 Ministry of Defence - Armed Forces Hospital - Tabouk  
 Ministry of Defence - Armed Forces Hospital - Qassim  
 Ministry of Defence - Housing - Hafr Al Batin  
 Ministry of Defence - Military Hospital - Riyadh  
 Ministry of Defence - King Abdul-Aziz Air Base - Dhahran  
 Ministry of Defence - Tactical Training Centre - Bisha  
 Ministry of Defence - AL Jazirah Forces Head Quarters  
 Ministry of Defence - Facilities Security Training Centre  
 Ministry of Defence - Nairiyah Stage 2  
 Ministry of Defence - 66 - SFBC Facilities for special forces Batalion camp - Tabouk  
 Ministry of Interior - Special Forces Centre - Riyadh  
 Ministry of Interior - Social Care Centre - Riyadh & Jeddah  
 Ministry of Interior - KAP 2A Riyadh , KAP 2B Hail, KAP 2B Tabouk, KAP 2B Qasim ,KAP 2B Jof - KAP 4  
 Ministry of Interior - Police Station - AL Madinah  
 Ministry of Interior - Training Centre - Riyadh  
 Ministry of Interior - Governate Building - Alhareeq, Jeddah, Majmah, Jizan, Afif  
 Ministry of Interior - Jizan & Tabouk Jails  
 Ministry of Interior - Al Ihsa Municipality  
 Ministry of Interior - Drug Enforcement Building  
 Ministry of Interior - South Border Housing & Ancillary Buildings  
 Ministry of Water - Drainage System 1/55  
 Ministry of Water - SWCC Tower - Khobar  
 Ministry of Education - Bisha University  
 Ministry of Education - KFUPM University  
 Ministry of Education - King Saud University  
 Ministry of Education - King Fahd Armed Forces Hospital  
 Ministry of Education - Jeddah & Makkah 40 Schools  
 Ministry of Health - Ras Tanura Hospital  
 Ministry of Health - IHSA Mental Hospital  
 Ministry of Health - King Fahd Educational Hospital  
 Ministry of Health - North Jeddah 500 Bed Hospital  
 Ministry of Health - Hail General Hospital  
 Ministry of Health - Sabt Al-Alaya Hospital  
 Ministry of Health - 420 Clinics around the KSA  
 Ministry of Health - Arrar Hospital  
 Ministry of Finance - General Control Bureau Branch in in Tabouk, Madeena, Qaseem and Al Baha  
 National Guard Family Compound - Thouwal



Environment friendly product that is free of any hazardous materials

## International Projects

DOHA Airport - QATAR  
Dubai Toy Town - UAE  
Basra Road Lighting - IRAQ  
US Military Camp KBR - KUWAIT  
AL Zakra Hospital - Jordan  
MADABA University - Jordan  
Prince Naif Hospital - Algeria

## Royal Commission

C20 - Jalmudah Housing  
C01, C02, C03, C04 - Jalmudah Housing  
C05, C08, C09, C10, Jalmudah Housing  
JIC & JTI Staff Housing  
P&C Women Welfare Social Services  
Jubail Technical Institute  
Passport Building - Jubail  
Admin O & M Centre- Jubail  
C17 - Imam Assem Schools - Jubail  
Fire Station - Jalmudah  
Multi Event Centre - Jubail  
C01 - Transportation Centre - Jubail  
P&C Friday Mosque - Jubail  
Jubail Girls College - Jubail  
Jubail Girls School - Jubail  
Coast Guard Building - Dahreen  
JIC Academic Building - Jubail  
Rehabilitation C/O - Jubail  
Jubail Industrial College  
JIC & JTI Site Development  
Al Fanateer Hospital  
School for Children Special Needs - Jubail  
RC Kindergarten 621 - C20  
RC Recreation Centre - Jubail  
691-C19 - O&M Centre  
C25 & C26 - RC Housing Kifah - Jubail  
RC Rehabilitation Security - Jubail  
RC Yanbu Villas - Yanbu  
RC Yanbu Sahara Tower - Yanbu  
Doctors Housing - Yanbu  
C11 - Royal Commission Hospital LED - Jubail  
RC Labour Housing - Yanbu  
PIC F-T-8176 & 8148 - RC Housing - Yanbu  
RC Schools - GEC - Yanbu  
YTI Expansion - Yanbu

## Saudi Electric Company

Tihama Power Plant (Shedgum, Ju'aymah, Uthmaniya  
Ghazlan Power plants  
RAFHA Power Plant # 2 - Rafha  
SCECO Warehouse - Dammam  
SEC Head Office - Dammam  
Qurrayah BSP 230 KV  
DUBA Integrated DUBA Green Solar Plant  
Maritime RAS Al Khair Substation  
Substations 13. KV - Haramain-Makkah & Tarut &  
Najran North & Industrial City - Dammam & Makkah  
North & Qurrayah & AL Kharj  
Substations AL Sail Road, Layla PV Plant, Al Haram  
Road, Osailia

## SABIC Projects

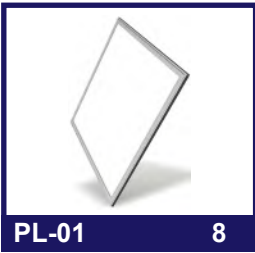
SABIC Preform Plant- Makkah  
Hadeed New Admin Building - Jubail  
SABIC Admin Building- Jubail  
SABIC Housing 523 Villas - Jubail  
Polyester Epoxy Resis Plant - Jubail  
74 Story Houses - Ras AL Fanateer  
SABIC villas 183 Villas - Jubail  
SAFCO Housing - Jubail  
SABIC Beach Camp Phase 1 & 2 - Jubail  
Al Razi Beach Camp - Jubail  
Substations AL Sail Road, Layla PV Plant, Al Haram Road,  
Osailia

## Other Remarkable References

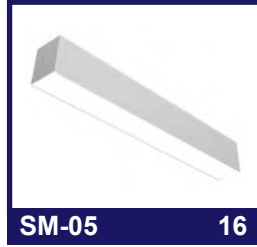
RTC - Riyadh Telecommunication Building - Riyadh  
Al Magrabi Hospital -Riyadh  
Mouwasset Hospital - Dmm, Jubail, Khobar, Yanbu  
SAAD Hospital - Khobar  
Saudi German Hospital - Jeddah  
Pro Care Hospital - Khobar  
Shorouq AL-Hada Hospital - Dhahran  
Intercontinental Hotel - AL Ihsa  
Hilton Hotel - Jeddah  
Sheraton Hotel - Dammam  
Mawadah Hotel - Jeddah  
KAP SARC LED Street Lighting - Riyadh  
Index Compound - Jubail  
SAAD Schools - Khobar  
King Abdallah KAUST - Thouwal  
Najran Cement Plant - Najran  
Uncoil Project - Jubail  
Saudi Polyolefin Project SPC PDH - Jubail  
Advanced Polypropylene (AAPC) - Jubail  
TASNEE Ethylene Project - Jubail  
JANA WP1 - Jubail  
SPARK Substation - IHSA  
NEOM Bay Airport- Tabouk  
NEOM Royal Palace - Neom  
SASREF Beach Camp - Jubail  
Al Jouf University - AL Jouf  
SEC Data Centre - Dammam  
RED Sea Landscape Nursery - Jeddah  
STC Branches - All Over Kingdom  
Proctor & Gamble - Tide Factory - Dammam  
Al Majdouie Offices & Community Centre - Jubail  
Al Ihsa Women Driving Centre  
Petrokemya Motor House  
KAUST New Student Housing - Thouwal  
Retrofitting LED Street Light KAUST -Thouwal  
TBC - 5 Riyadh Schools  
TBC - Makkah Schools  
Aquat Food Industries Factory - Jeddah  
Prince Naif Kidney Centre  
Baby Wipes Project Saudi Al Bitek  
IPA Project - FirSt Gulf - Riyadh



## PL SERIES



## SM SERIES



## DL SERIES



## AR SERIES



## EM SERIES



## OT SERIES





OT-05 48



OT-06 49



OT-07 50



OT-08 51



OT-09 52



OT-10 53



OT-11 54



WP-01 56



WP-02 57

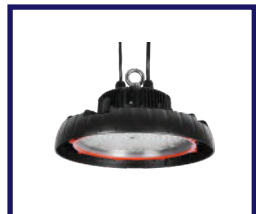


WP-03 58

WP SERIES



WP-04 59



L62 60



L63 61



712S 62



L64 64

FL SERIES



L65 65



L81 66



L82 67



T150 68



L900 69

EX SERIES



MHD2 71



ACQUEX 72



SAFJ 73



SAF Hi 74



LHFL 75

ST SERIES



XML 76



HLEX 77



L87 79



IP 80



L88 81



S401 82



S501 83

Environment friendly product that is free of any hazardous materials



## Panel Lights

PL Series

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## Surface Lights

SM Series

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## Downlights

DL Series

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## Decorative Lights

AR Series

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## Emergency Lights

EM Series

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## Landscape Lights

OT Series

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## Industrial Lights

WP Series

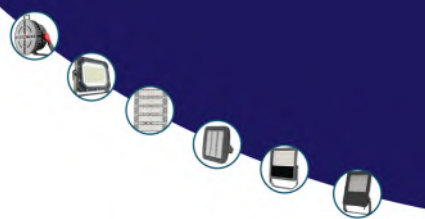
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## Area Lights

FL Series

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## Explosion Proof

EX Series

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## Street Lights

ST Series

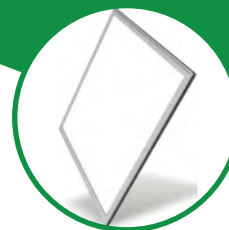
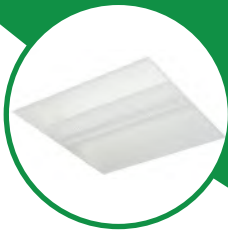
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Environment friendly product that is free of any hazardous materials

# Panel Lights

## PL Series



Environment friendly product that is free of any hazardous materials

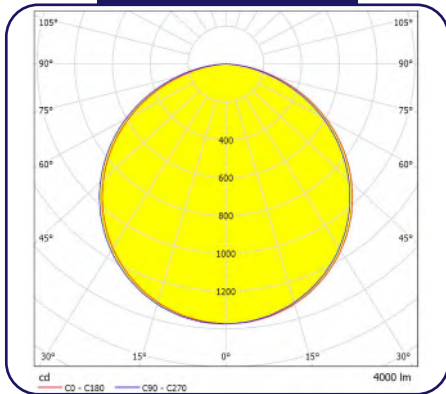




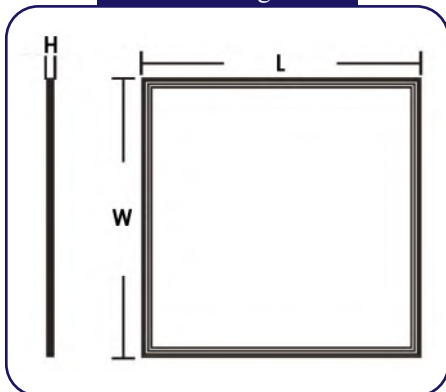
**PL Series**

**PL-01**

**Photometric Data**



**Drawing**



**Applications**

Indoor - Office, Clinic, Class room, Corridor,  
Kitchen, Retail shop

**Mounting**

Recessed - False Ceiling

**THD**

< 10

**Power Factor**

0.95

**Housing**

Die Cast Aluminum

**Diffuser**

PMMA

**Internal Protection**

IP 44

**Impact Strength**

IK 05

**Weight**

2.5 - 6 Kg

**Efficacy**

106 Lumens / Watt

**Working Temp (ta)**

50°C

**Warranty**

5 Years

**Life Time**

50,000 Hours

**CRI**

> 80

**Certification**

SASO 2902



UL Listed



LM79, ISTMT, TM21



Photobiological



**Other Options**

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

IP 54

Surface, Gypsum, Pendant

Gear Box



Model	Power	SIZE (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC PL-01	30W	30 x 120 x 1.1 cm	3180 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 6000K	110°
	40W	60 x 60 x 1.1 cm	4240 LM			
	50W	60 x 120 x 1.1 cm	5300 LM			
	60W		6360 LM			
	72W		7632 LM			



Environment friendly product that is free of any hazardous materials





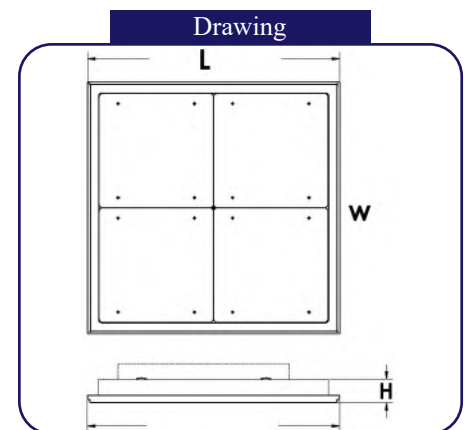
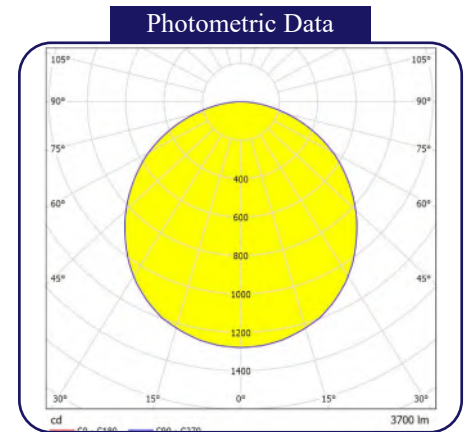
**PL Series**

**PL-02**

<b>Applications</b>	Indoor - Office, Clinic, Class room, Corridor, Kitchen, Retail shop
<b>Mounting</b>	Recessed - False Ceiling
<b>THD</b>	< 10
<b>Power Factor</b>	0.96
<b>Housing</b>	Iron phosphated steel
<b>Diffuser</b>	PMMA
<b>Internal Protection</b>	IP 44
<b>Impact Strength</b>	IK 05
<b>Weight</b>	5.2 - 8.7 Kg
<b>Efficacy</b>	135 Lumens / Watt
<b>Working Temp (ta)</b>	55°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	72,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological



<b>Other Options</b>	Emergency Backup - 3 Hr Dimming 0-10V Dali Interface IP 65 Surface or Pendant Mounted Flexible Size Air plenum rated Hygenic Locations
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Model	Power	Size(L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC PL-02	30W	30 x 120 x 5.6 cm	4050 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 6000K	110°
	45W	60 x 60 x 5.6 cm	6075 LM			
	58W		7830 LM			
	75W	60 x 120 x 5.6 cm	10125 LM			
	90W		12150 LM			

Environment friendly product that is free of any hazardous materials

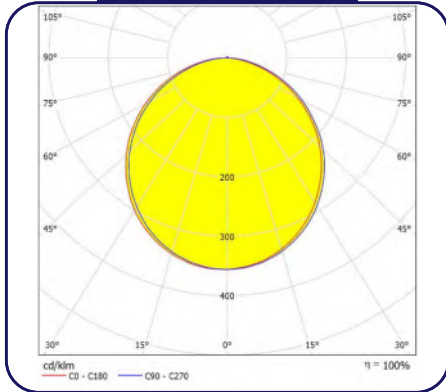




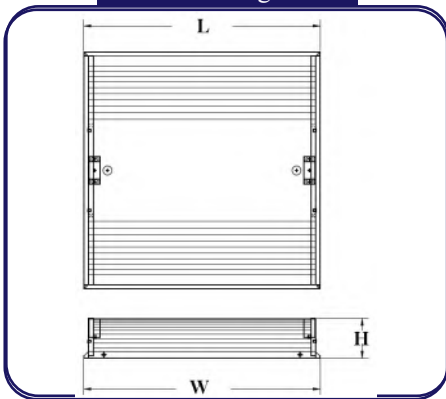
PL Series

PL-03

Photometric Data



Drawing



**Applications**

Indoor - Office, Clinic, Class room, Corridor,  
Kitchen, Retail shop

**Mounting**

Recessed - False Ceiling

**THD**

< 10

**Power Factor**

0.96

**Housing**

Iron phosphated steel

**Diffuser**

PMMA

**Internal Protection**

IP 20

**Impact Strength**

IK 05

**Weight**

5.2 - 8.7 Kg

**Efficacy**

110 Lumens / Watt

**Working Temp (ta)**

50°C

**Warranty**

5 Years

**Life Time**

72,000 Hours

**CRI**

> 80

**Certification**

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



**Other Options**

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

Flexible Size



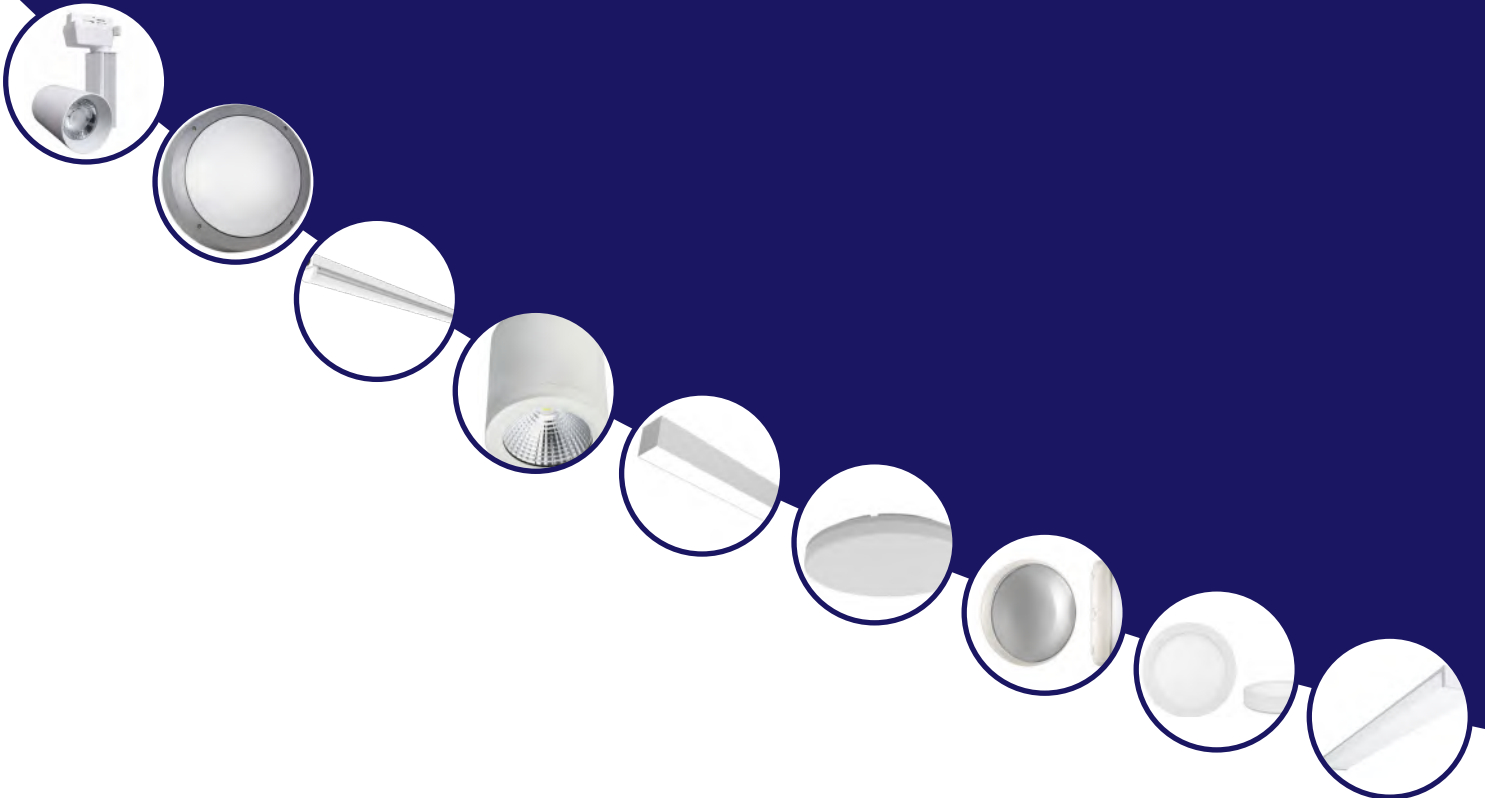
Model	Power	Size(L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC PL-03	40W	60 x 60 x 10 cm	4400 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	110°
	60W		6600 LM		4000K	
	80W	60 x 120 x 10 cm	8800 LM		6000K	



Environment friendly product that is free of any hazardous materials

# Surface Lights

## SM Series



Environment friendly product that is free of any hazardous materials





**SM Series**

**SM-01**

**Applications**

Indoor - Office, Clinic, Class room, Corridor,  
Kitchen, Retail shop, Workshop

**Mounting**

Surface

**THD**

< 10

**Power Factor**

0.95

**Housing**

Iron phosphated steel

**Diffuser**

PMMA

**Internal Protection**

IP 23

**Impact Strength**

IK 05

**Weight**

2.1 - 3.5 Kg

**Efficacy**

100 Lumens / Watt

**Working Temp (ta)**

50°C

**Warranty**

5 Years

**Life Time**

72,000 Hours

**CRI**

> 80

**Certification**

SASO 2902



UL Listed



LM79, ISTMT, TM21



Photobiological

**Other Options**

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

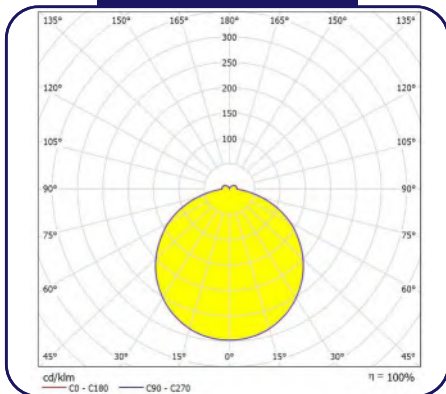
IP 44

Wall or Pendant Mounted

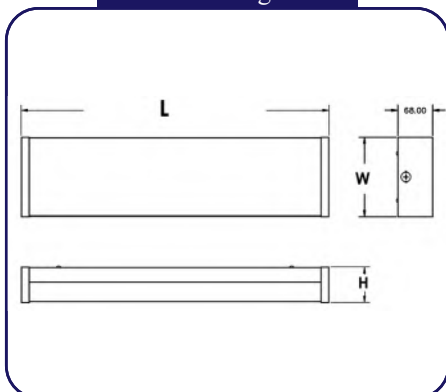
Flexible Size



**Photometric Data**



**Drawing**



Model	Power	Size(L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC SM-01	20W	595 x 152 x 65mm	2000 LM	220-240V/50/60Hz	3000K	120°
	37W	1155 x 152 x 65mm	3700 LM		4000K	
	55W		5500 LM	110-277V/ 50/60Hz	6000K	
	70W	7000 LM				






Environment friendly product that is free of any hazardous materials

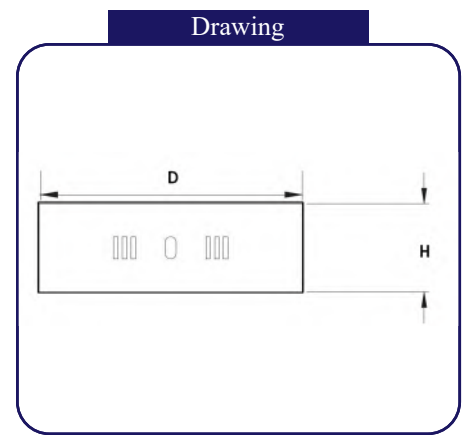
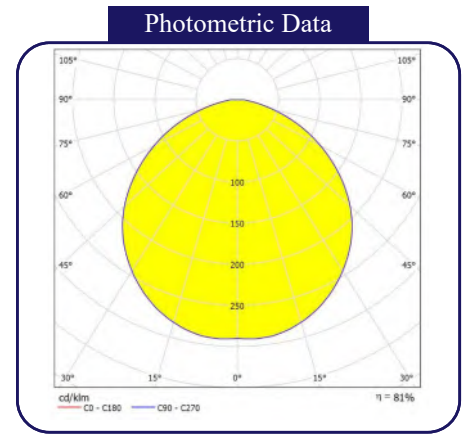


**SM Series** / **SM-02**

<b>Applications</b>	Indoor - Office, Clinic, Class room, Corridor, Kitchen, Retail shop, Stair case
<b>Mounting</b>	Surface
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Die-cast aluminum
<b>Diffuser</b>	PMMA
<b>Internal Protection</b>	IP 20
<b>Impact Strength</b>	IK 04
<b>Weight</b>	0.6 - 1.1 Kg
<b>Efficacy</b>	100 Lumens / Watt
<b>Working Temp (ta)</b>	50°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	50,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 LM79, ISTMT, TM21 Photobiological



<b>Other Options</b>	Emergency Backup - 3 Hr	
	Dimming 0-10V	
	Dali Interface	
	Square shape	



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
NLC SM-02	12W	Φ120 x 40 mm	1200 LM	220-240V/50/60Hz	3000K	120°
	20W	Φ170 x 40 mm	2000 LM		4000K	
	25W	Φ220 x 40 mm	2500 LM	110-277V/ 50/60Hz	6000K	
	30W	Φ300 x 40 mm	3000 LM		125VDC	

Environment friendly product that is free of any hazardous materials

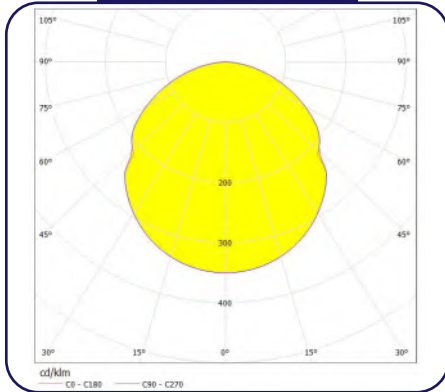




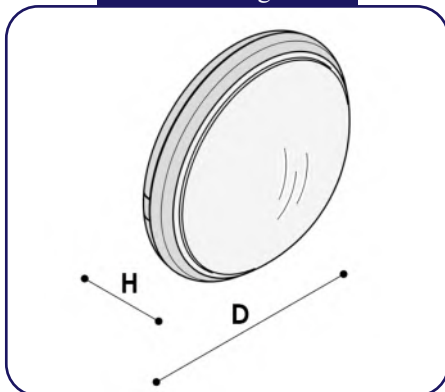
**SM Series**

**SM-03**

**Photometric Data**



**Drawing**



**Applications**

Indoor / Outdoor - Corridor, Kitchen, Retail shop, Stair case, Canopy, Bulkhead

**Mounting**

Surface

**THD**

< 10

**Power Factor**

0.95

**Housing**

Reinforced Polycarbonate

**Diffuser**

PMMA Opal

**Internal Protection**

IP 65

**Impact Strength**

IK 08

**Weight**

1.4 Kg

**Efficacy**

100 Lumens / Watt

**Working Temp (ta)**

55°C

**Warranty**

5 Years

**Life Time**

72,000 Hours

**CRI**

> 80

**Certification**

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



**Other Options**

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

Wall Mounted



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
NLC SM-03	15W	260 x 102 mm	1500 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	120°
	22W		2200 LM		4000K	
	30W		3000 LM		6000K	



Environment friendly product that is free of any hazardous materials

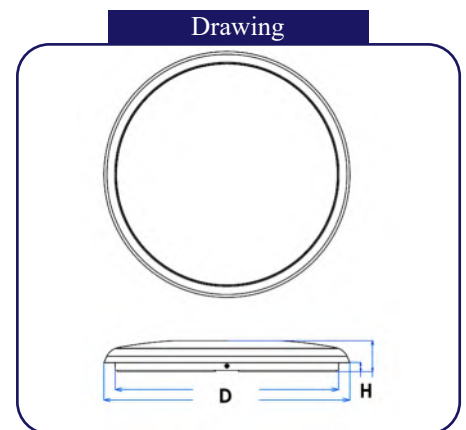
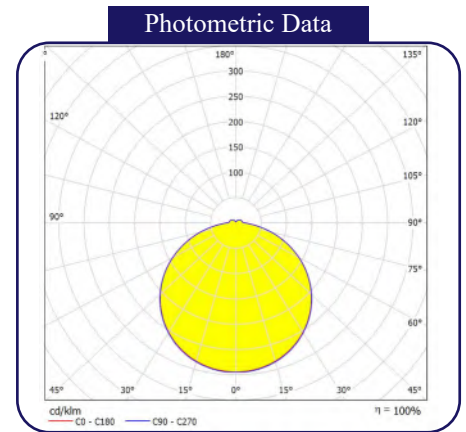


**SM Series** / **SM-04**

<b>Applications</b>	Indoor - Office, Clinic, Class room, Corridor, Kitchen, Retail shop, Stair case, Bedroom
<b>Mounting</b>	Surface
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Polycarbonate
<b>Diffuser</b>	PMMA
<b>Internal Protection</b>	IP 65
<b>Impact Strength</b>	IK 10
<b>Weight</b>	0.9 - 1.3 Kg
<b>Efficacy</b>	100 Lumens / Watt
<b>Working Temp (ta)</b>	50°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	50,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 LM79, ISTMT, TM21 Photobiological



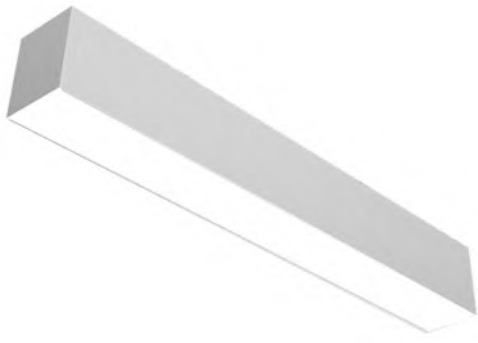
<b>Other Options</b>	Emergency Backup - 3 Hr Dimming 0-10V Dali Interface Wall Mounted
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Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
NLC SM-04	15W	Φ220x 50 mm	1500LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 6000K	120°
	24W	Φ280 x 50 mm	2400 LM			
	30W	Φ330 x 50 mm	3000 LM			
	40W	Φ385 x 50 mm	4000 LM			

Environment friendly product that is free of any hazardous materials

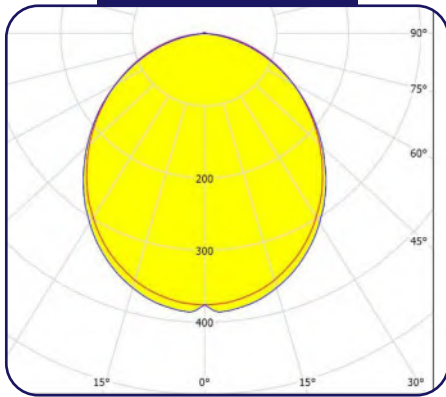




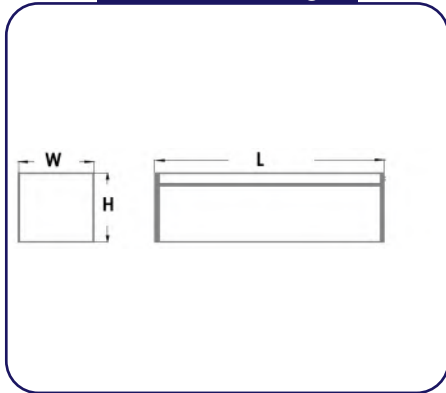
## SM Series

## SM-05

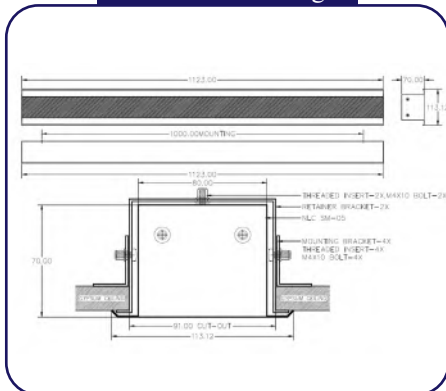
### Photometric Data



### Surface Drawing



### Recessed Drawing



### Applications

Indoor - Office, Clinic, Class room, Corridor,  
Kitchen, Retail shop

### Mounting

Surface

### THD

< 10

### Power Factor

0.95

### Housing

Iron phosphated steel

### Diffuser

PMMA

### Internal Protection

IP 44

### Impact Strength

IK 06

### Weight

1.8 - 3.9 Kg

### Efficacy

110 Lumens / Watt

### Working Temp (ta)

50°C

### Warranty

5 Years

### Life Time

72,000 Hours

### CRI

> 80

### Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



### Other Options

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

Pendant Mounted

Flexible Size

IP 65

Continuous Linear (Different Size-Contact Sales)

Recessed Mounted (Different Size-Contact Sales)

Mounting Rope



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC SM-05	15W	564 x 80 x 70 mm	1650 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	120°
	30W	1131 x 80 x 70 mm	3300 LM		4000K	
	40W	1686 x 80 x 70 mm	4400 LM		6500K	
	50W	2246 x 80 x 70 mm	5500 LM			







**SM Series**

**SM-06**

**Applications** Indoor - Corridor, Kitchen, Retail shop, Stair case, Canopy, Diners

**Mounting** Surface

**THD** < 10

**Power Factor** 0.95

**Housing** Die Cast Aluminum

**Diffuser** Clear Glass

**Internal Protection** IP 20

**Impact Strength** IK 04

**Weight** 2.1 - 4.7 Kg

**Efficacy** 100 Lumens / Watt

**Working Temp (ta)** 50°C

**Warranty** 5 Years

**Life Time** 50,000 Hours

**CRI** > 80

**Certification** SASO 2902



UL Listed



LM79, ISTMT, TM21



Photobiological

**Other Options** Emergency Backup - 3 Hr



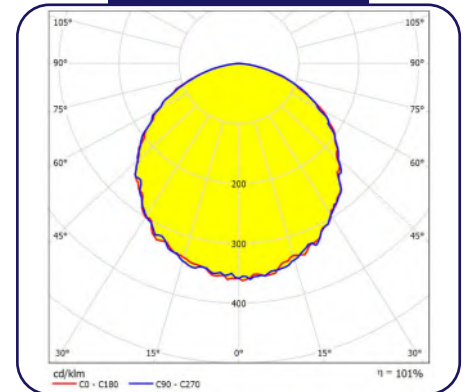
Dimming 0-10V



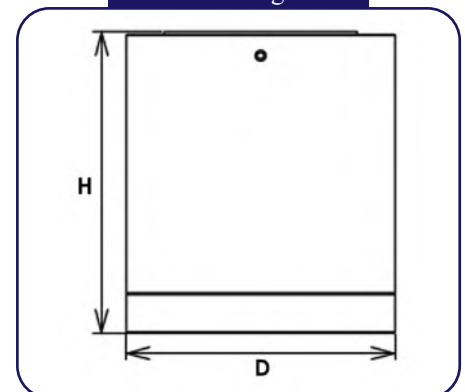
Dali Interface



**Photometric Data**



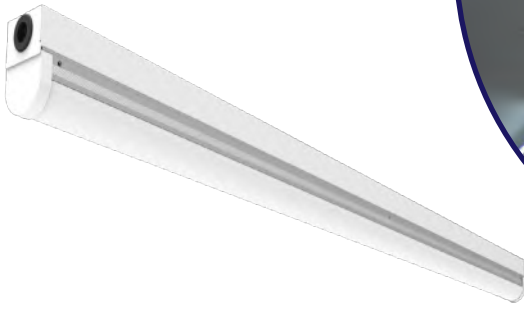
**Drawing**



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
NLC SM-06	9W	Ø90 x 90 mm	900 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 6500K	60°
	15W	Ø130 x 160 mm	1500 LM			
	25W	Ø170 x 190 mm	2500 LM			
	35W	Ø200 x 200 mm	3500 LM			

Environment friendly product that is free of any hazardous materials





**SM Series**

**SM-07**

**Applications**

Indoor - Office, Clinic, Class room, Corridor,  
Kitchen, Retail shop, Workshop

**Mounting**

Surface

**THD**

< 10

**Power Factor**

0.95

**Housing**

Iron phosphated steel

**Diffuser**

PMMA

**Internal Protection**

IP 20

**Impact Strength**

IK 04

**Weight**

1.2 - 2.7 Kg

**Efficacy**

110 Lumens / Watt

**Working Temp (ta)**

60°C

**Warranty**

5 Years

**Life Time**

72,000 Hours

**CRI**

> 80

**Certification**

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



**Other Options**

Emergency Backup - 3 Hr

Dimming 0-10V

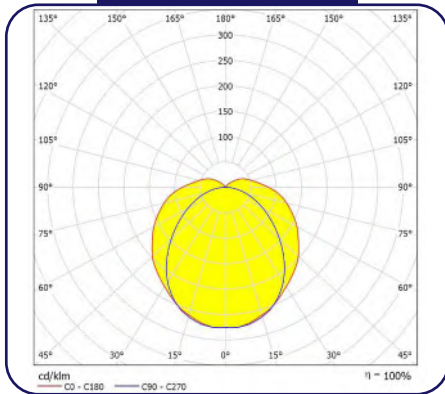
Dali Interface

Pendant Mounted

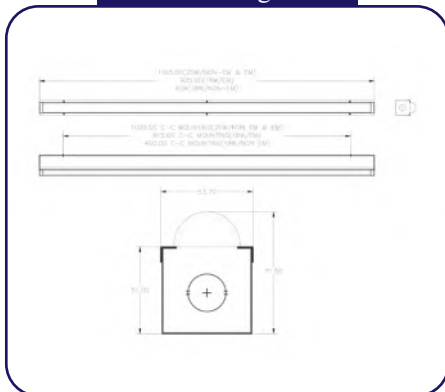
Flexible Size

Continuous Linear

**Photometric Data**



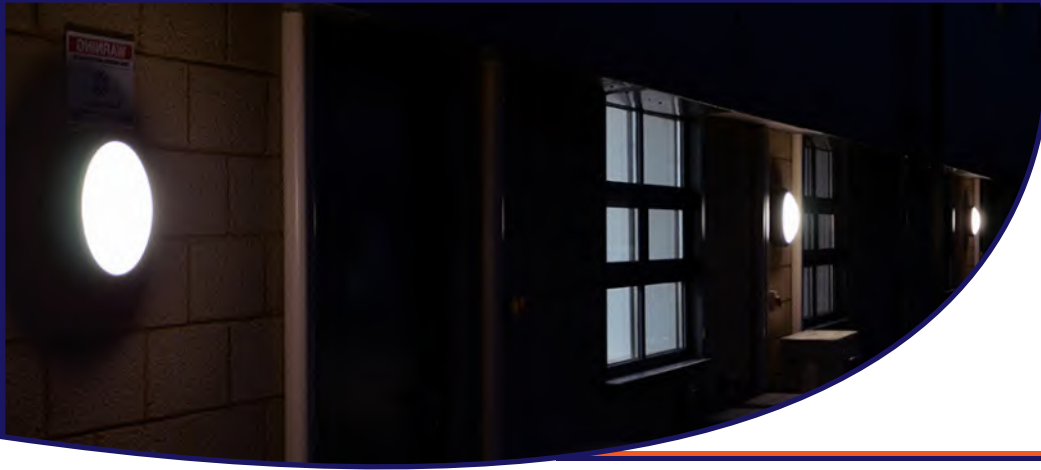
**Drawing**









Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC SM-07	10W	604 x 54 x 72 mm	1100 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	120°
	20W	1165 x 54 x 72 mm	2200 LM		4000K	
	37W		4070 LM		6500K	

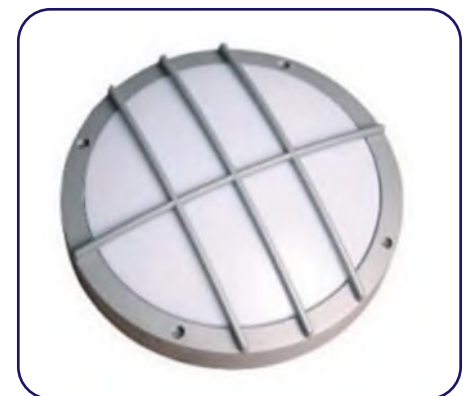
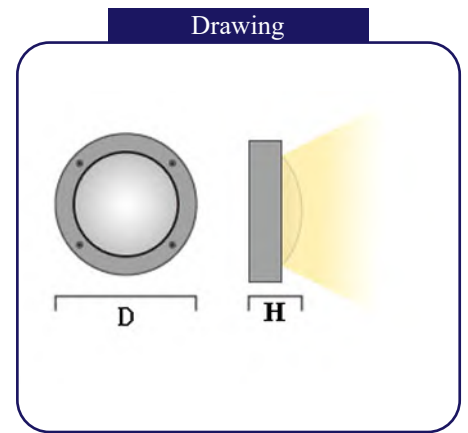
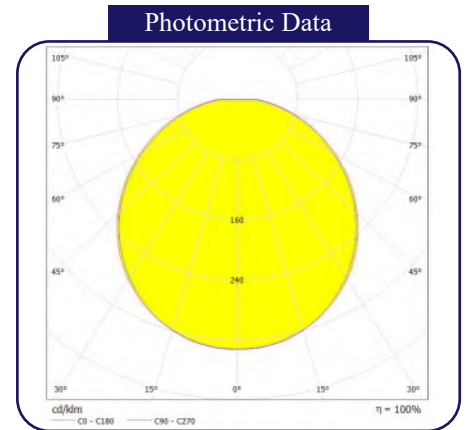


Environment friendly product that is free of any hazardous materials



**SM Series** / **SM-08**

<b>Applications</b>	Indoor / Outdoor - Corridor, Kitchen, Retail shop, Stair case, Canopy, Bulkhead
<b>Mounting</b>	Surface
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Die cast aluminum
<b>Diffuser</b>	PMMA Opal
<b>Internal Protection</b>	IP 65
<b>Impact Strength</b>	IK 06
<b>Weight</b>	1.4 Kg
<b>Efficacy</b>	105 Lumens / Watt
<b>WorkingTemp (ta)</b>	55°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	72,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902  UL Listed  LM79, ISTMT, TM21 Photobiological 
<b>Other Options</b>	Emergency Backup - 3 Hr  Dimming 0-10V  Dali Interface  Wall Mounted Wire Guard



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
NLC SM-08	15W	280 x 102 mm	1575 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	120°
	22W		2310 LM		4000K	
	30W		3150 LM		6000K	

Environment friendly product that is free of any hazardous materials 

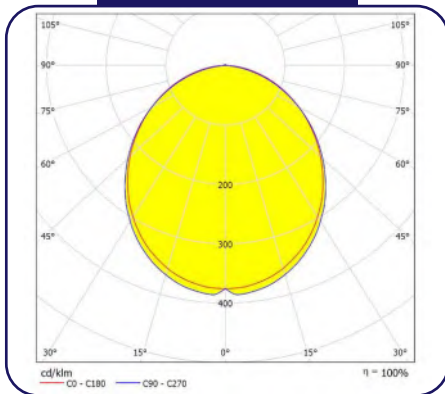




## SM Series

## SM-09

### Photometric Data



### Drawing



### Accessories

2Wires rail



3Wires rail



Straight connector



L connector



T connector



“+” connector



End connector



### Applications

Indoor - Exhibitions, Concerts, School stages,  
Fashion show, Showroom, Architectural

### Mounting

Surface

### THD

< 10

### Power Factor

0.95

### Housing

Die-cast aluminum

### Diffuser

PMMA

### Internal Protection

IP 20

### Impact Strength

IK 04

### Weight

1.2 - 2.7 Kg

### Efficacy

85 Lumens / Watt

### Working Temp (ta)

60°C

### Warranty

5 Years

### Life Time

50,000 Hours

### CRI

> 80

### Certification

SASO 2902



UL Listed



LM79, ISTMT, TM21

Photobiological



### Other Options

Emergency Backup - 3 Hr



Dimming 0-10V



Dali Interface



2Wires / 3Wires / 4Wires

Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC SM-09	10W	10 x 60 x 165 mm	850 LM	220-240V/50/60Hz	3000K	12°
	20W	115 x 70 x 170 mm	1700 LM		4000K	24°
	30W	125 x 80 x 190 mm	2550 LM	110-277V/ 50/60Hz	6500K	36°
	40W	135 x 90 x 190 mm	3400 LM			



# Downlights

## DL Series



Environment friendly product that is free of any hazardous materials





IP 20



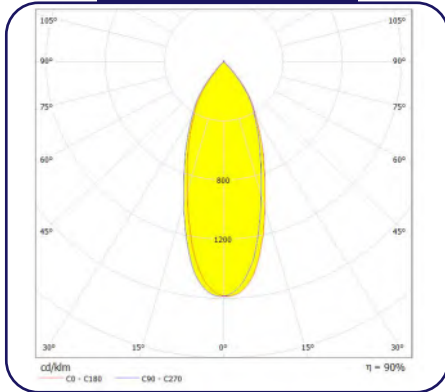
IP 44



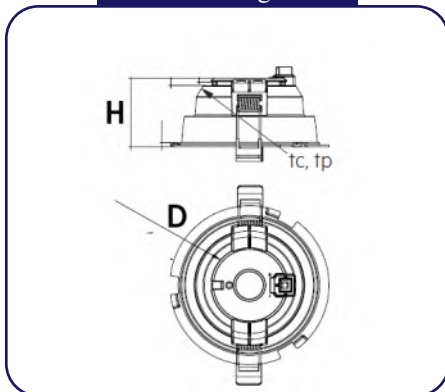
DL Series

DL-01

Photometric Data



Drawing



**Applications**

Indoor - Office, Clinic, Class room, Corridor,  
Kitchen, Retail shop, Showroom

**Mounting**

Recessed

**THD**

< 10

**Power Factor**

0.95

**Housing**

Aluminum

**Diffuser**

PMMA Opal

**Internal Protection**

IP 44

**Impact Strength**

IK 03

**Weight**

0.3 - 0.7 Kg

**Efficacy**

100 Lumens / Watt

**Working Temp (ta)**

50°C

**Warranty**

5 Years

**Life Time**

72,000 Hours

**CRI**

> 80

**Certification**

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



**Other Options**

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

IP 20 - Reflector



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
NLC DL-01	10W	114 x 97 mm	1000 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	60° 90°
	20W	164 x 128 mm	2000 LM		4000K	
	30W	218 x 149 mm	3000 LM			



Environment friendly product that is free of any hazardous materials

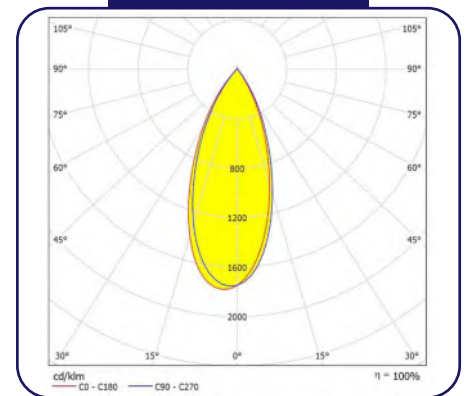


**DL Series** / **DL-02**

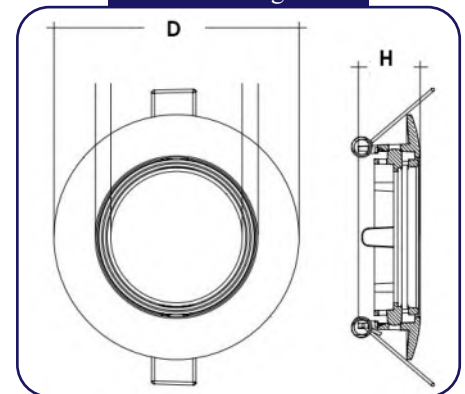
<b>Applications</b>	Indoor - Office, Clinic, Class room, Corridor, Kitchen, Retail shop, Showroom, Bedroom
<b>Mounting</b>	Recessed
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Die-cast aluminium
<b>Internal Protection</b>	IP 20
<b>Impact Strength</b>	IK 03
<b>Weight</b>	0.4 -0.8 Kg
<b>Efficacy</b>	100 Lumens / Watt
<b>Working Temp (ta)</b>	50°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	72,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
<b>Other Options</b>	Emergency Backup - 3 Hr Dimming 0-10V Dali Interface IP 65 Gear Box



**Photometric Data**



**Drawing**



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
NLC DL-02	6W	90 x 75 mm	600 LM	220-240V/50/60Hz	3000K	24°
	9W		900 LM			
	12W		1200 LM	110-277V/ 50/60Hz	4000K	36°



Adjustable



IP 65

Environment friendly product that is free of any hazardous materials

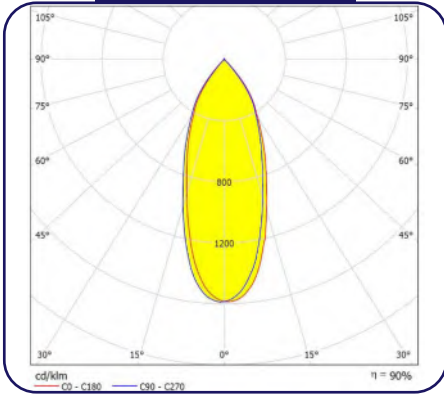




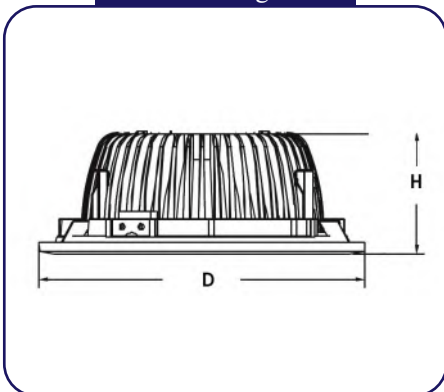
**DL Series**

**DL-03**

**Photometric Data**



**Drawing**



**Applications**

Indoor - Office, Clinic, Class room, Corridor,  
Kitchen, Retail shop, Showroom, Toilet

**Mounting**

Recessed

**THD**

< 10

**Power Factor**

0.95

**Housing**

Die-cast aluminium

**Diffuser**

PMMA

**Internal Protection**

IP 54

**Impact Strength**

IK 05

**Weight**

0.8 - 1.2 Kg

**Efficacy**

100 Lumens / Watt

**Working Temp (ta)**

50°C

**Warranty**

5 Years

**Life Time**

60,000 Hours

**CRI**

> 80

**Certification**

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



**Other Options**

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

Square option

Gear Box



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
NLC DL-03	14W	140 x 45 mm	1400 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	90°
	25W	170 x 47 mm	2500 LM		4000K	
	35W	225 x 47 mm	3500 LM		6000K	
	50W		5000LM			










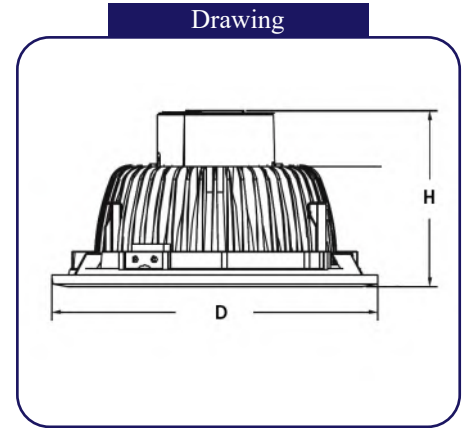
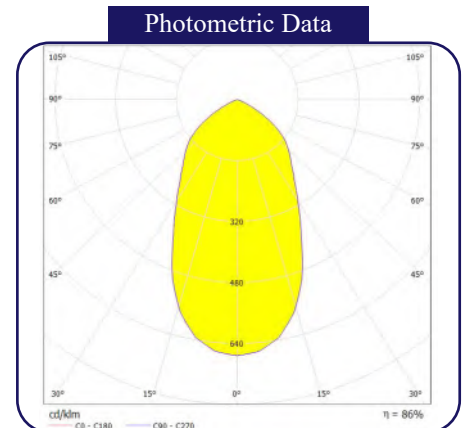
Environment friendly product that is free of any hazardous materials





**DL Series** / **DL-04**

<b>Applications</b>	Indoor - Office, Clinic, Workshop, Corridor, Kitchen, Retail shop, Showroom, Toilet
<b>Mounting</b>	Recessed
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Die-cast aluminium
<b>Reflector</b>	Anodized Aluminum
<b>Diffuser</b>	Clear Glass
<b>Internal Protection</b>	IP 65
<b>Impact Strength</b>	IK 05
<b>Weight</b>	0.9 - 1.8 Kg
<b>Efficacy</b>	100 Lumens / Watt
<b>Working Temp (ta)</b>	50°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	60,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902  UL Listed  LM79, ISTMT, TM21  Photobiological 
<b>Other Options</b>	Emergency Backup - 3 Hr  Dimming 0-10V  Dali Interface  Gear Box



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle	
NLC DL-04	15W	Φ145 x 60 mm	1500 LM	220-240V/50/60Hz	3000K	60°	
	25W	Φ190 x 60 mm	2500 LM		4000K		
	35W	Φ230 x 72 mm	3500 LM	110-277V/ 50/60Hz	6000K		90°
			5000LM				

Environment friendly product that is free of any hazardous materials 

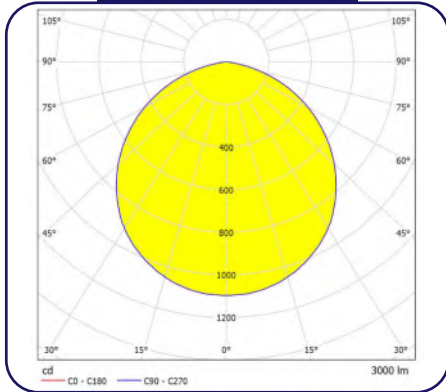




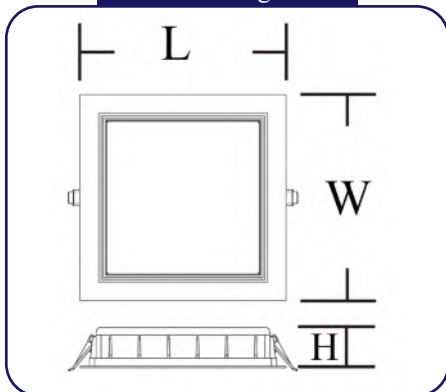
**DL Series**

**DL-05**

**Photometric Data**



**Drawing**



**Applications**

Indoor - Office, Clinic, Class room, Corridor,  
Kitchen, Retail shop, Showroom, Toilet

**Mounting**

Recessed

**THD**

< 10

**Power Factor**

0.95

**Housing**

Die-cast aluminium

**Diffuser**

PMMA

**Internal Protection**

IP 54

**Impact Strength**

IK 05

**aWeight**

0.8 - 1.2 Kg

**Efficacy**

100 Lumens / Watt

**Working Temp (ta)**

50°C

**Warranty**

5 Years

**Life Time**

60,000 Hours

**CRI**

> 80

**Certification**

SASO 2902



UL Listed



LM79, ISTMT, TM21



Photobiological

**Other Options**

Emergency Backup - 3 Hr



Dimming 0-10V



Dali Interface



Gear Box

Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC DL-05	10W	90 x 90 x 35 mm	1000 LM	220-240V/50/60Hz	3000K	90°
	20W	140 x 140 x 43 mm	2000 LM	110-277V/ 50/60Hz	4000K	
	30W	220 x 220 x 46 mm	3000 LM		6000K	



Environment friendly product that is free of any hazardous materials



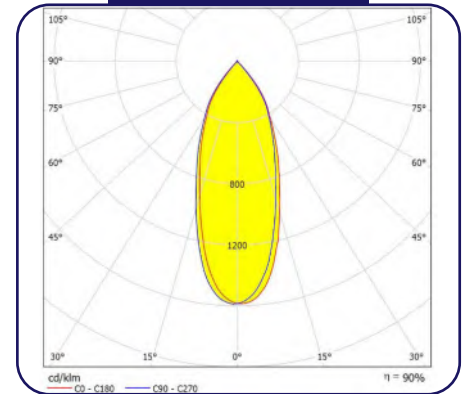
**DL Series**

**DL-06**

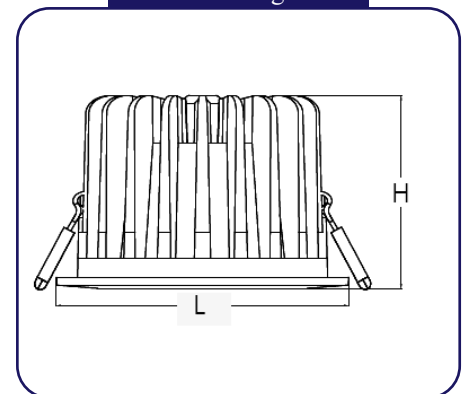
<b>Applications</b>	Indoor - Office, Clinic, Workshop, Corridor, Kitchen, Retail shop, Showroom, Toilet
<b>Mounting</b>	Recessed
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Die-cast aluminium
<b>Reflector</b>	Anodized Aluminum
<b>Internal Protection</b>	IP 20
<b>Impact Strength</b>	IK 05
<b>Weight</b>	0.9 - 1.8 Kg
<b>Efficacy</b>	100 Lumens / Watt
<b>Working Temp (ta)</b>	50°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	60,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
<b>Other Options</b>	Emergency Backup - 3 Hr Dimming 0-10V Dali Interface IP 54 Gear Box



**Photometric Data**



**Drawing**



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
NLC DL-06	10W	Φ66 x 60 mm	1000LM	220-240V/50/60Hz	3000K 4000K 6000K	15°
	15W	Φ83 x 72mm	1500LM			24°
	30W	Φ107 x 87 mm	3000LM			38°
	40W	Φ135 x 89 mm	4000LM			60°

Environment friendly product that is free of any hazardous materials

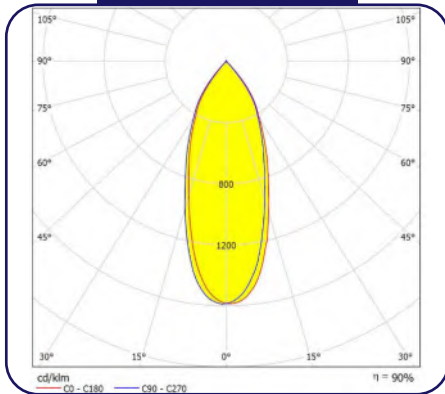




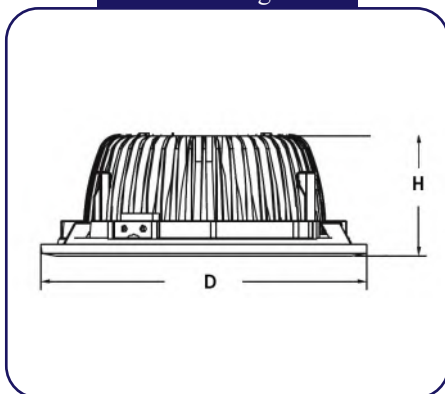
**DL Series**

**DL-07**

**Photometric Data**



**Drawing**



**Applications**

Indoor - Office, Clinic, Class room, Corridor, Kitchen, Retail shop, Showroom, Toilet

**Mounting**

Recessed

**LED Driver**

Tridonic / Osram

**THD**

< 10

**Power Factor**

0.95

**LED Module**

Bridgelux

**Housing**

Die-cast aluminium

**Reflector**

Polished aluminum

**Diffuser**

PMMA

**Internal Protection**

IP 54

**Impact Strength**

IK 05

**Weight**

0.8 - 1.2 Kg

**Efficacy**

100 Lumens / Watt

**Ambient Temp (ta)**

50°C

**Life Time**

60,000 Hours

**CRI**

> 80

**Certification**

SASO 2902



UL Listed



LM79, ISTMT, TM21



Photobiological

**Other Options**

Emergency Backup - 3 Hr



Dimming 0-10V



Dali Interface



Reflector: White, Black, Matt

Gear Box

Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
NLC DL-07	10W	135 x 66 mm	1000 LM	220-240V/50/60Hz	3000K	90°
	20W	190 x 90mm	2000 LM		4000K	
	30W	224 x 98 mm	3000 LM	110-277V/ 50/60Hz	6000K	
	40W		4000 LM			

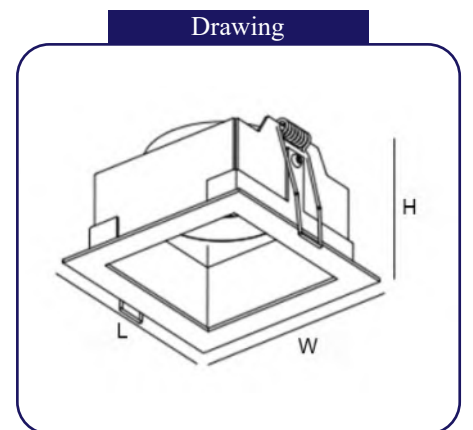
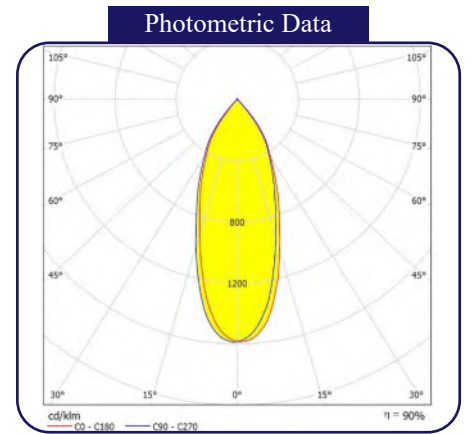


Environment friendly product that is free of any hazardous materials



**DL Series** / **DL-08**

<b>Applications</b>	Indoor - Office, Clinic, Class room, Corridor, Kitchen, Retail shop, Showroom, Toilet
<b>Mounting</b>	Recessed
<b>LED Driver</b>	Tridonic / Osram
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>LED Module</b>	Bridgelux
<b>Housing</b>	Die-cast aluminium
<b>Reflector</b>	Polished aluminium
<b>Diffuser</b>	PMMA
<b>Internal Protection</b>	IP 54
<b>Impact Strength</b>	IK 05
<b>Weight</b>	0.8 - 1.2 Kg
<b>Efficacy</b>	100 Lumens / Watt
<b>Ambient Temp (ta)</b>	50°C
<b>Life Time</b>	60,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
<b>Other Options</b>	Emergency Backup - 3 Hr Dimming 0-10V Dali Interface Reflector: White, Black, Matt Gear Box



Model	Power	Size (LxWxH)	Lumen	Voltage	CCT	Beam Angle
NLC DL-08	10W	115 x 115 x 60 mm	1000 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	90°
	20W	140 x 140 x 75 mm	2000 LM		4000K	
	30W	160 x 160 x 80 mm	3000 LM		6000K	

Environment friendly product that is free of any hazardous materials

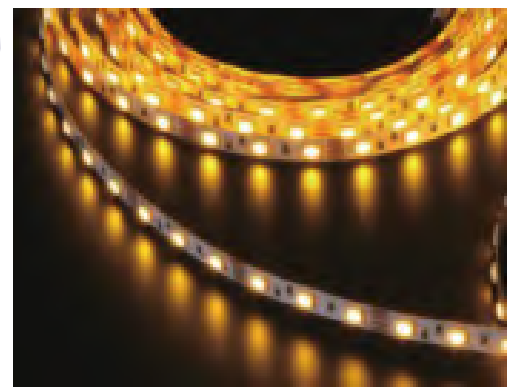


# Decorative Lights







## AR Series

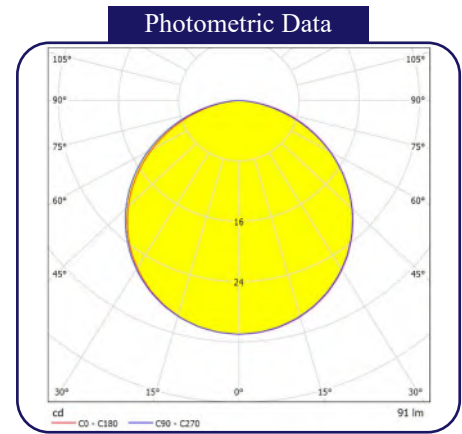






Environment friendly product that is free of any hazardous materials



**AR Series** / **2835**

<b>Applications</b>	Indoor - Office, Clinic, Class room, Corridor, Reception, Retail shop
<b>Mounting</b>	Recessed
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Flexible PCB
<b>Efficacy</b>	100 Lumens / Watt
<b>Working Temp (ta)</b>	50°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	60,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902  UL Listed  LM79, ISTMT, TM21  Photobiological 
<b>Other Options</b>	Dimming 0-10V  Dali Interface  PMMA diffuser Direct (AC) IP 67 (Silicon Isolated)



- Accessories**
- Surface profile 
  - Recessed profile 
  - End cap profile 
  - Connectors 
  - Plastic base

Model	Power	Size	Voltage	CCT	Beam Angle
NLC 2835	5W/Meter	5M/Roll	220-240V/50/60Hz	3000K	120°
	15W/Meter			4000K	
	24W/Meter	50M/Roll	100-277V/50/60Hz	6000K	
				RGB	

Environment friendly product that is free of any hazardous materials 

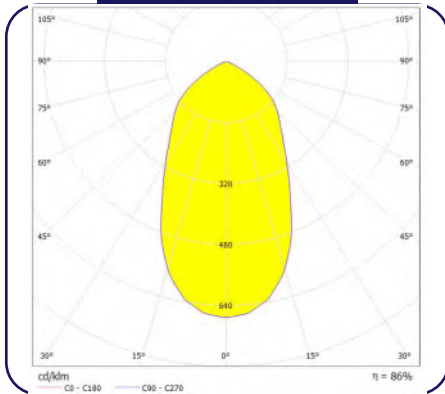




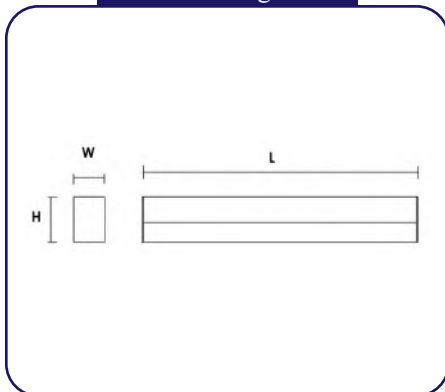
## AR Series

## AR-02

### Photometric Data



### Drawing



<b>Applications</b>	Indoor - Toilet, Clinic, Kitchen, Barber shop, Door top
<b>Mounting</b>	Wall
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Stainless steel
<b>Diffuser</b>	PMMA
<b>Internal Protection</b>	IP 44
<b>Impact Strength</b>	IK 06
<b>Weight</b>	0.9 - 1.9 Kg
<b>Efficacy</b>	100 Lumens / Watt
<b>Working Temp (ta)</b>	50°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	72,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
<b>Other Options</b>	Dimming 0-10V Flexible Size



Model	Power	SIze (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC AR-02	12W	581 x 50 x 70mm	1200 LM	220-240V/50/60Hz	3000K	110°
	24W	1141 x 50 x 70mm	2400 LM	110-277V/ 50/60Hz	4000K 6000K	







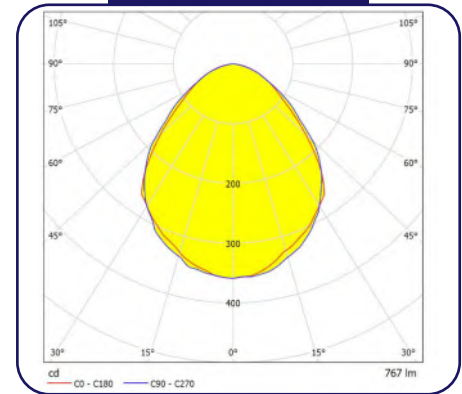
**AR Series**

**AR-03**

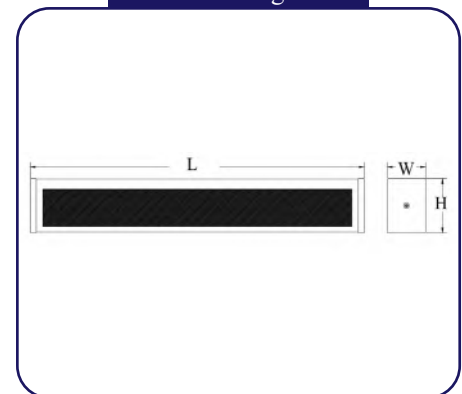
<b>Applications</b>	Indoor - Toilet, Clinic, Kitchen, Barber shop, Door top
<b>Mounting</b>	Wall
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Stainless steel
<b>Diffuser</b>	PMMA
<b>Internal Protection</b>	IP 65
<b>Impact Strength</b>	IK 06
<b>Weight</b>	0.9 - 1.9 Kg
<b>Efficacy</b>	100 Lumens / Watt
<b>Working Temp (ta)</b>	50°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	72,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
<b>Other Options</b>	Dimming 0-10V Flexible Size



**Photometric Data**



**Drawing**



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC AR-03	12W	603 x 72 x 97mm	1200 LM	220-240V/50/60Hz	3000K	110°
	24W	1165 x 72 x 97mm	2400 LM	110-277V/ 50/60Hz	4000K 6000K	

Environment friendly product that is free of any hazardous materials

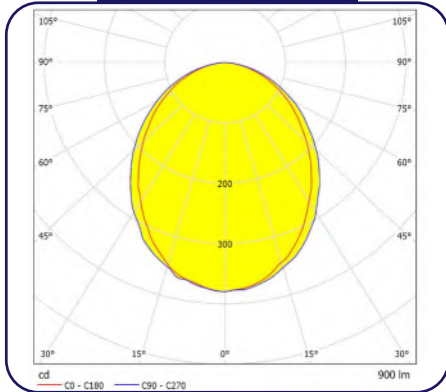




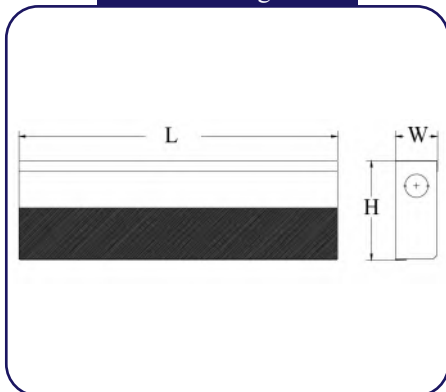
## AR Series

## AR-04

### Photometric Data



### Drawing



### Applications

Indoor - Under cabinet lighting, Wardrobe

### Mounting

Surface

### THD

< 10

### Power Factor

0.95

### Housing

Iron phosphated steel

### Diffuser

PMMA

### Internal Protection

IP 20

### Impact Strength

IK 06

### Weight

0.9 - 1.9 Kg

### Efficacy

100 Lumens / Watt

### Working Temp (ta)

50°C

### Warranty

5 Years

### Life Time

72,000 Hours

### CRI

> 80

### Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



### Other Options

Dimming 0-10V



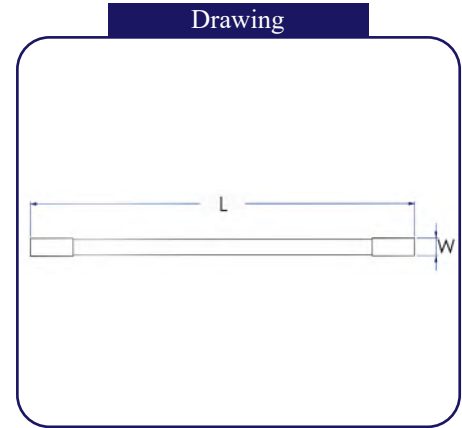
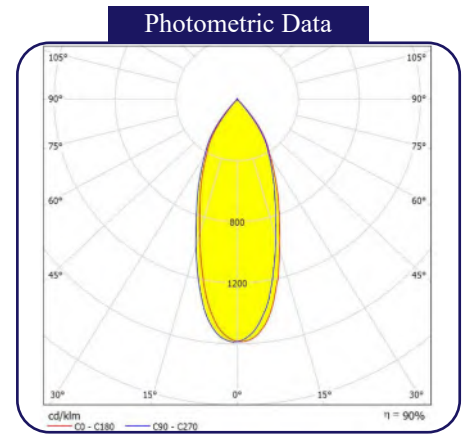
Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC AR-04	6W	305 x 40 x 95mm	600 LM	220-240V/50/60Hz	3000K	110°
	12W	585 x 40 x 95mm	1200 LM	110-277V/ 50/60Hz	4000K 6000K	





**AR Series** / **AR-05**

<b>Applications</b>	Indoor - Toilet, Clinic, Kitchen, Barber shop, Door top
<b>Mounting</b>	Wall
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Stainless steel
<b>Diffuser</b>	PMMA
<b>Internal Protection</b>	IP 44
<b>Impact Strength</b>	IK 06
<b>Weight</b>	0.9 - 1.9 Kg
<b>Efficacy</b>	100 Lumens / Watt
<b>Working Temp (ta)</b>	50°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	72,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
<b>Other Options</b>	Dimming 0-10V



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC AR-05	12W	635 x 66 x 44mm	1200 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 6000K	110°

Environment friendly product that is free of any hazardous materials 



# Emergency Lights



## EM Series



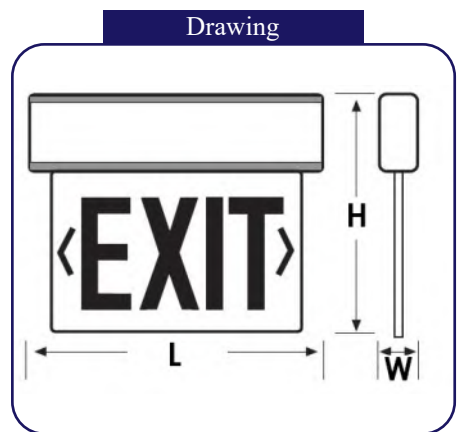
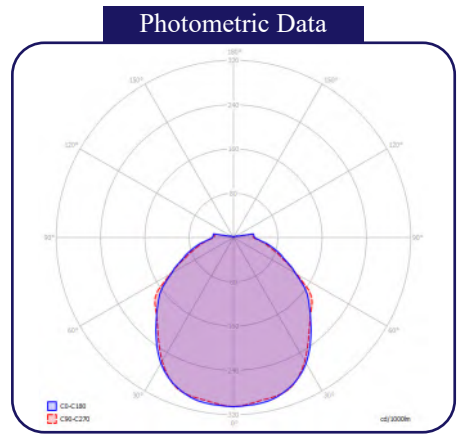
Environment friendly product that is free of any hazardous materials




**EM Series** / **LX-740**

<b>Applications</b>	Indoor - Office, Clinic, Class room, Corridor, Kitchen, Retail shop
<b>Mounting</b>	Universal bracket for Ceiling & Wall
<b>Power</b>	3.8W
<b>Source</b>	LED
<b>Housing</b>	Extruded Aluminum
<b>Emergency Backup</b>	3 Hr
<b>Operating Mode</b>	Maintained
<b>Internal Protection</b>	IP 23
<b>Impact Strength</b>	IK 03
<b>Weight</b>	1.9 Kg
<b>Number of Faces</b>	Single Face or Double Face
<b>Text Type</b>	Engraved Arabic & English
<b>Working Temp (ta)</b>	50°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	100,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902  UL Listed 

**Other Options** Customized Text - Sticker  
Right & Left Arrow



Model	Size (L x H x W)	No. of Faces	Panel Colour	Voltage
NLC LX-740	330 x 283 x 44 mm	1- Single Face	RC-Red on clear GC-Green on clear	220-240V/50/60Hz
		2- Double Face	RM-Red on mirror GM-Green on mirror	110-277V/ 50/60Hz

Environment friendly product that is free of any hazardous materials 

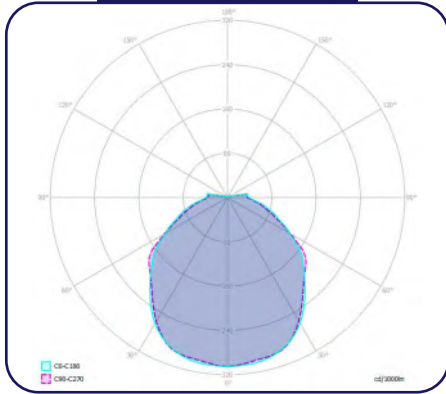




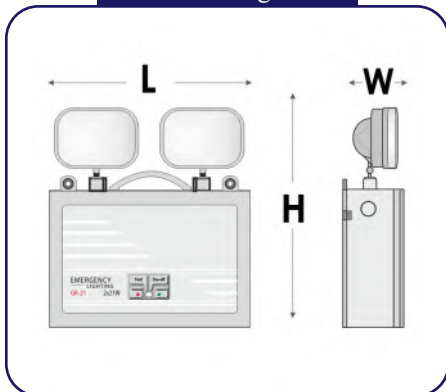
## EM Series

## EM-02

### Photometric Data



### Drawing



### Applications

Indoor - Office, Clinic, Class room,  
Corridor, Kitchen, Retail shop

### Mounting

Wall

### Source

LED

### Housing

Re-inforced fiber glass

### Operating Mode

Non Maintained

### Emergency Backup

3 Hr

### Internal Protection

IP 42

### Impact Strength

IK 03

### Weight

5.7 Kg

### Working Temp (ta)

50°C

### Warranty

5 Years

### Life Time

100,000 Hours

### CRI

> 80

### Certification

SASO 2902



ENEC Listed



### Other Options

IP 65

UL Listed





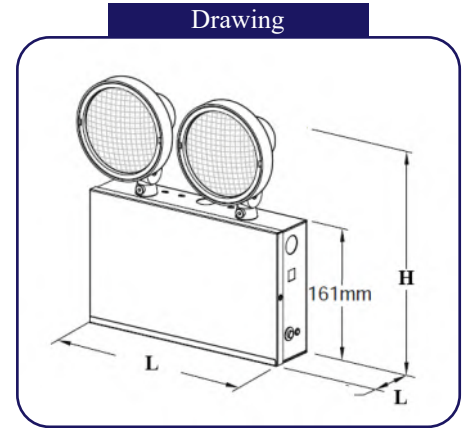
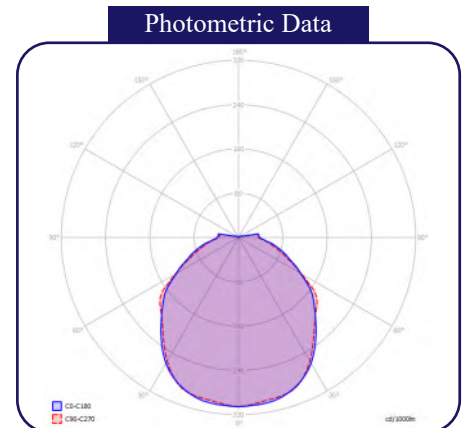
Model	Power	Size (L x H x W)	Lumen	Voltage
NLC EM-02	5.6W	302 x 330 x 94 mm	800 LM	220-240V/50/60Hz
	13W		1800 LM	
	14W		3200 LM	110-277V/ 50/60Hz





**EM Series** / **EU900**

<b>Applications</b>	Indoor - Office, Clinic, Class room, Corridor, Kitchen, Retail shop
<b>Mounting</b>	Wall
<b>Source</b>	LED
<b>Wattage</b>	4.2W
<b>Housing</b>	Metal housing and ABS twin spot heads
<b>Operating Mode</b>	Non Maintained
<b>Emergency Backup</b>	3 Hr
<b>Internal Protection</b>	IP 20
<b>Impact Strength</b>	IK 03
<b>Weight</b>	5.7 Kg
<b>Working Temp (ta)</b>	50°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	50,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902  UL Listed 



Model	Power	Size (L x W x H)	Lumen	Voltage
NLC EU900	4.2W	264 x 61 x 312 mm	420 LM	220-240V/50/60Hz 120-277V/50/60Hz

Environment friendly product that is free of any hazardous materials 

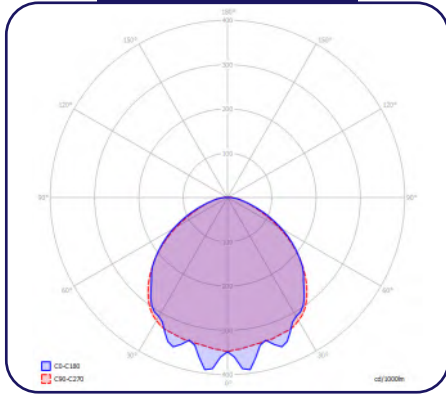




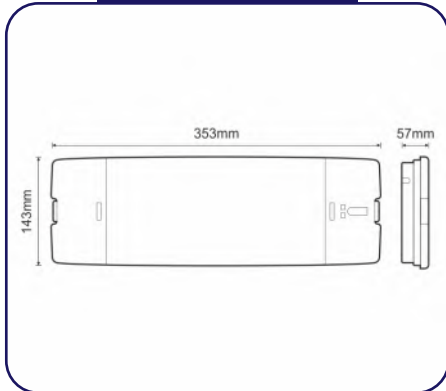
EM Series

GR-939

Photometric Data



Drawing



**Applications**

Indoor - Office, Clinic, Class room,  
Corridor, Kitchen, Retail shop

**Mounting**

Wall

**Source**

LED

**Housing**

Re-inforced fiber glass

**Diffuser**

Transparent polycarbonate

**Emergency Backup**

3 Hr

**Internal Protection**

IP 65

**Impact Strength**

IK 05

**Weight**

0.9 Kg

**Number of Faces**

Single Face

**Working Temp (ta)**

50°C

**Warranty**

5 Years

**Life Time**

100,000 Hours

**CRI**

> 80

**Certification**

SASO 2902



ENEC Listed



**Other Options**

Dali Interface



Model	Size (L x H x W)	Wattage	Lumen	Voltage	Mode
NLC GR-939	353 x 143 x 57 mm	3W	105 LM	220-240V/50/60Hz	M- Maintained
		6W	210 LM	110-277V/50/60Hz	NM- Non Maintained

مخرج  
EXIT

EXIT مخرج



مخرج الطوارئ  
EMERGENCY EXIT





Environment friendly product that is free of any hazardous materials



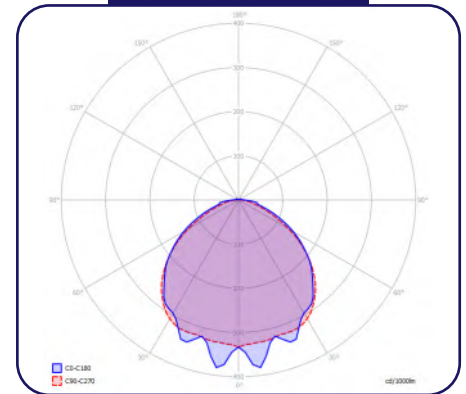


**EM Series** / **GVEX**

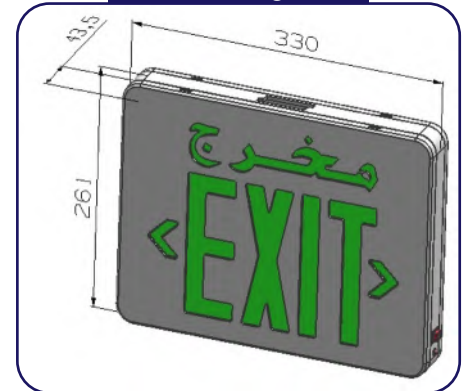
**Applications** Indoor - Office, Clinic, Class room, Corridor, Kitchen, Retail shop

<b>Mounting</b>	Wall / Ceiling
<b>Source</b>	LED
<b>THD</b>	< 10
<b>Housing</b>	High-temperature thermoplastic
<b>Text Type</b>	Engraved English only
<b>Emergency Backup</b>	3 Hr
<b>Internal Protection</b>	IP 65
<b>Impact Strength</b>	IK 05
<b>Weight</b>	1 Kg
<b>Number of Faces</b>	Single Face or Double Face
<b>Working Temp (ta)</b>	50°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	100,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902  UL Listed 

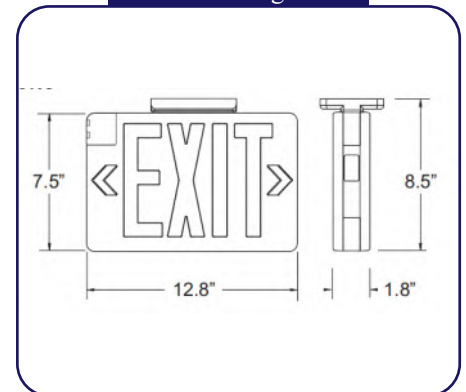
**Photometric Data**



**Drawing**



**Drawing**



Model	Text	Size (L x H x W)	Wattage	Letter color	Voltage
NLC GVEX	English	325 x 190 x 43.5 mm	3.8W	R- Red	220-240V/50/60Hz
	Arabic & English	330 x 261 x 43.5 mm		G- Green	110-277V/ 50/60Hz

Environment friendly product that is free of any hazardous materials 

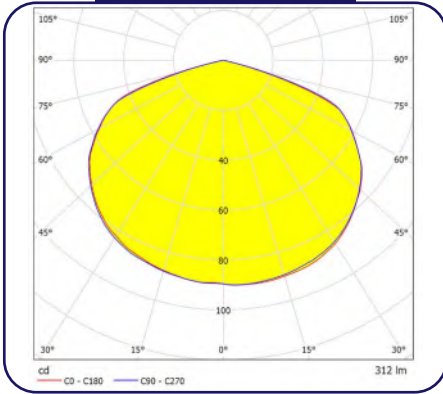




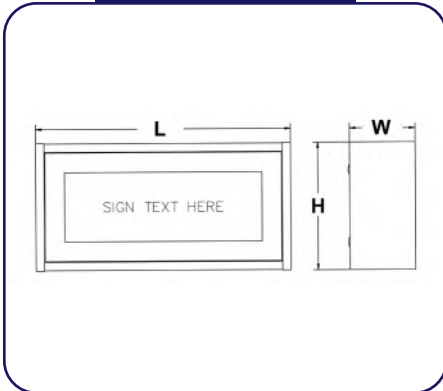
EM Series

L650

Photometric Data



Drawing



**Applications**

Indoor - Office, Clinic, Class room,  
Corridor, Kitchen, Retail shop

**Mounting**

Wall

**Source**

LED

**Housing**

Iron Phosphated Steel

**Emergency Backup**

3 Hr

**Operating Mode**

Maintained / Non Maintained

**Internal Protection**

IP 23

**Impact Strength**

IK 03

**Weight**

1.9 Kg

**Number of Faces**

Single Face or Double Face

**Text Type**

Arabic & English

**Working Temp (ta)**

50°C

**Warranty**

5 Years

**Life Time**

50,000 Hours

**CRI**

> 80

**Certification**

SASO 2902



UL Listed



**Other Options**

Customized Text - Sticker  
Right & Left Arrow  
Flexible Size  
Recessed  
IP 54



Model	Power	Size (L x H x W)	Lumen	Voltage	CCT	No. of Faces
NLC L650	6W	400 x 200 x 103 mm	600 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	1- Single Face
	12W	660 x 200 x 103 mm	1200 LM		4000K 5000K	2- Double Face

مخرج  
EXIT

EXIT مخرج



مخرج الطوارئ  
EMERGENCY EXIT



Environment friendly product that is free of any hazardous materials

# Landscape Lights

## OT Series



Environment friendly product that is free of any hazardous materials

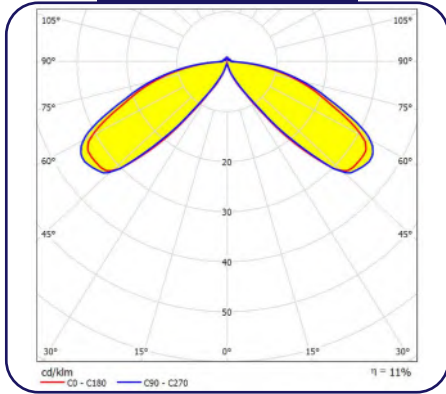




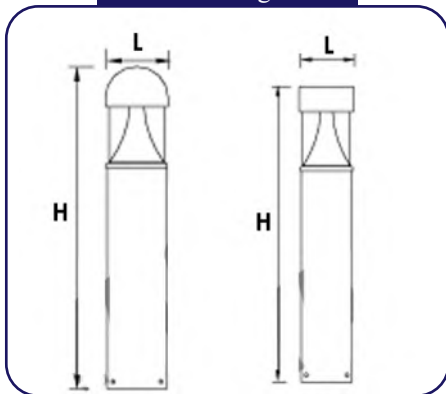
## OT Series

## OT-01

### Photometric Data



### Drawing



### Applications

Outdoor - Parking area, Entrances, Walkways, Parks

### Mounting

Level ground mounted

### THD

< 10

### Power Factor

0.95

### Housing

Extruded aluminium

### Lens and Rims

Polycarbonate

### Reflector

Die-cast aluminium louvre

### Internal Protection

IP 65

### Impact Strength

IK 10

### Weight

9.6 Kg

### Efficacy

100 Lumens / Watt

### Working Temp (ta)

55°C

### Warranty

5 Years

### Life Time

72,000 Hours

### CRI

> 80

### Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



### Other Options

Dimming 0-10V

Flexible Height\*

Flat Head



Model	Power	Size (L x H)	Lumen	Voltage	CCT	Beam Angle
NLC OT-01	9W	213 x 1067* mm	900 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 6000K	150°
	25W		2500 LM			
	35W		3500 LM			
	50W		5000 LM			



Environment friendly product that is free of any hazardous materials

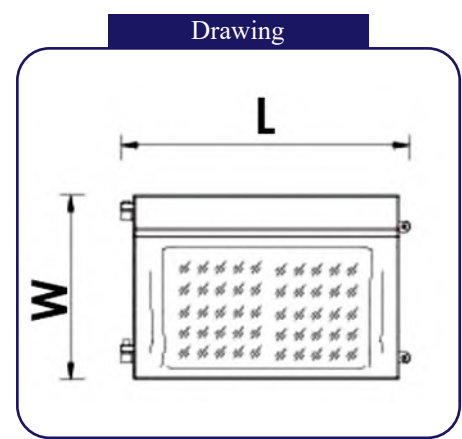
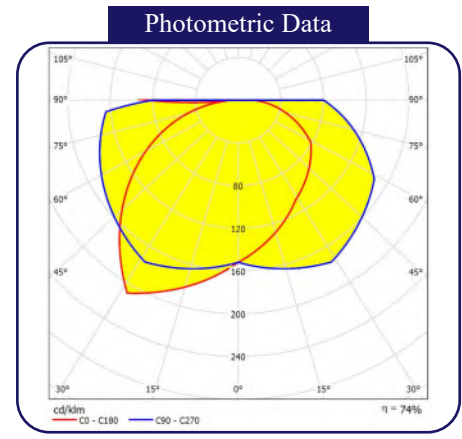


**OT Series** / **OT-02**

<b>Applications</b>	Outdoor - Entrances, Building walls, Fences, Door top
<b>Mounting</b>	Wall
<b>THD</b>	< 10
<b>Power Factor</b>	0.96
<b>Housing</b>	Die-cast aluminum
<b>Diffuser</b>	Pressed borosilicate glass
<b>Internal Protection</b>	IP 65
<b>Impact Strength</b>	IK 07
<b>Weight</b>	3.3 Kg
<b>Efficacy</b>	100 Lumens / Watt
<b>Working Temp (ta)</b>	55°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	72,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological



<b>Other Options</b>	Emergency Backup - 3 Hr Dimming 0-10V Photocell
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Model	Power	Size (L x W)	Lumen	Voltage	CCT	Beam Angle
NLC OT-02	25W	362 x 230 mm	2500 LM	220-240V/50/60Hz	3000K	120°
	35W		3500 LM		4000K	
	45W		4500 LM	6000K		
	60W		6000 LM	110-277V/ 50/60Hz		

Environment friendly product that is free of any hazardous materials

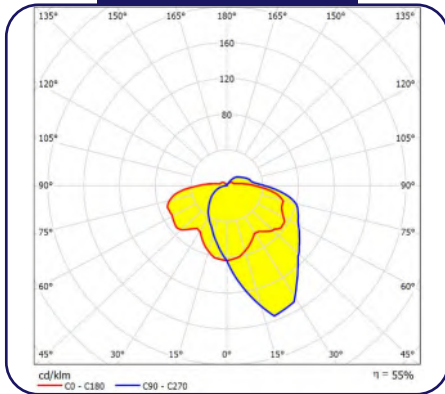




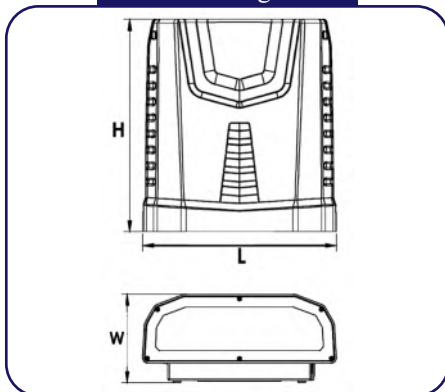
## OT Series

## OT-03

### Photometric Data



### Drawing



### Applications

Outdoor - Entrances, Building walls,  
Fences, Door top

### Mounting

Wall

### THD

< 10

### Power Factor

0.95

### Housing

Die-cast aluminum

### Diffuser

Clear glass

### Internal Protection

IP 65

### Impact Strength

IK 09

### Weight

2.1- 4.3 Kg

### Efficacy

125 Lumens / Watt

### Working Temp (ta)

55°C

### Warranty

5 Years

### Life Time

72,000 Hours

### CRI

> 80

### Certification

SASO 2902



UL Listed



LM79, ISTMT, TM21



Photobiological



### Other Options

Emergency Backup - 3 Hr



Dimming 0-10V



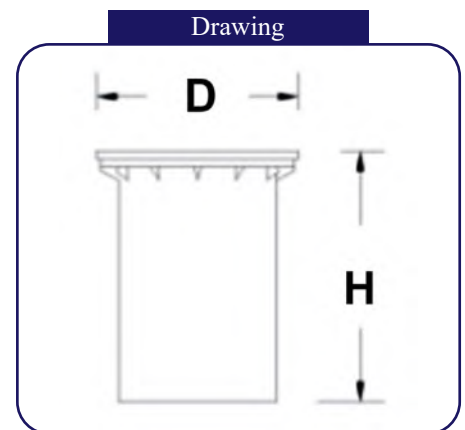
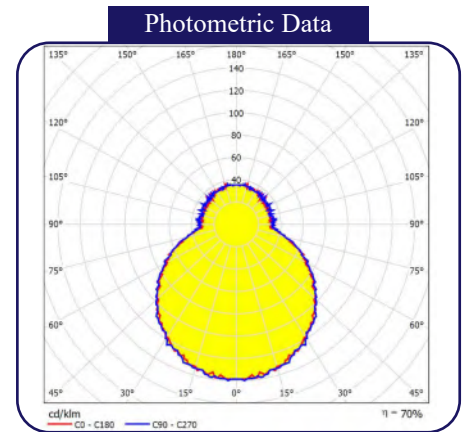
Model	Power	Size (H x L x W)	Lumen	Voltage	CCT	Beam Angle
NLC OT-03	30W	207 x 200 x 108 mm	3750 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 6000K	120°
	50W		6250 LM			
	70W	285 x 265 x 118 mm	8750 LM			
	80W		10000 LM			
	100W		12500 LM			





**OT Series** / **OT-04**

<b>Applications</b>	Outdoor - Walkways, Gardens, Entrances
<b>Mounting</b>	Ground recessed
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Die-casting aluminum
<b>Diffuser</b>	Toughened matt glass
<b>Pre-casing</b>	PP casing with cover
<b>Internal Protection</b>	IP 67
<b>Impact Strength</b>	IK 10
<b>Weight</b>	4 Kg
<b>Efficacy</b>	100 Lumens / Watt
<b>Working Temp (ta)</b>	55°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	50,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
<b>Other Options</b>	Dimming 0-10V RGB Drive over cover



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
NLC OT-04	6W	150 x 170 mm	600 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	120°
	15W	260 x 310 mm	1500 LM		4000K	
	25W		2500 LM		6000K	

Environment friendly product that is free of any hazardous materials

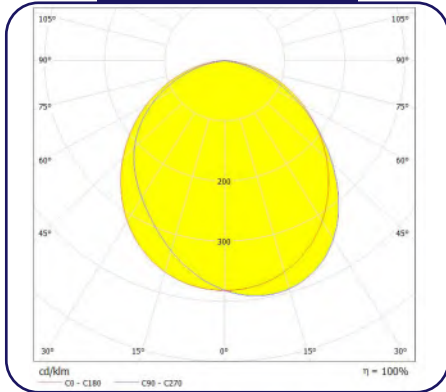




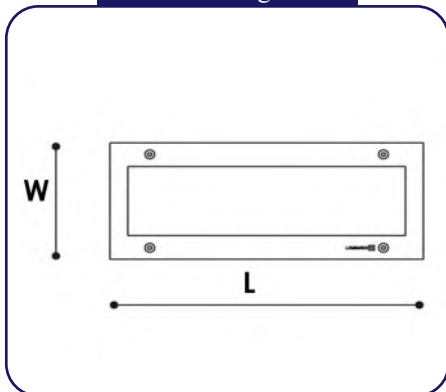
## OT Series

## OT-05

### Photometric Data



### Drawing



### Applications

Outdoor - Staircase, perimeter fence, Pathway lighting, Parks, Gardens, Porch

### Mounting

Wall recessed

### THD

< 10

### Power Factor

0.95

### Housing

Polycarbonate base

### Diffuser

Tempered glass

### Reflector

Aluminium type L2-1060

### Internal Protection

IP 66

### Impact Strength

IK 09

### Weight

1.7 Kg

### Efficacy

100 Lumens / Watt

### Working Temp (ta)

55°C

### Warranty

5 Years

### Life Time

50,000 Hours

### CRI

> 80

### Certification

SASO 2902



UL Listed



### Other Options

Dimming 0-10V



Wire Guard

Model	Power	Size (L x W)	Lumen	Voltage	CCT
NLC OT-05	6W	270 x 122 mm	600 LM	100-240V/50/60Hz	3000K
	15W	335 x 138 mm	1500 LM		4000K 6000K







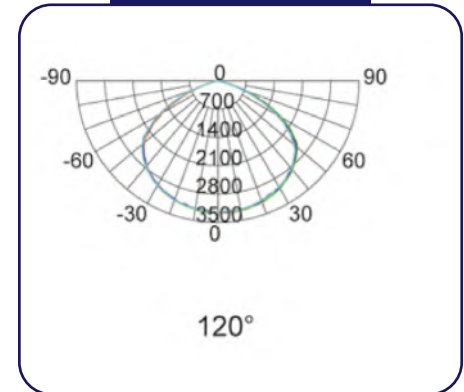
**OT Series**

**OT-06**

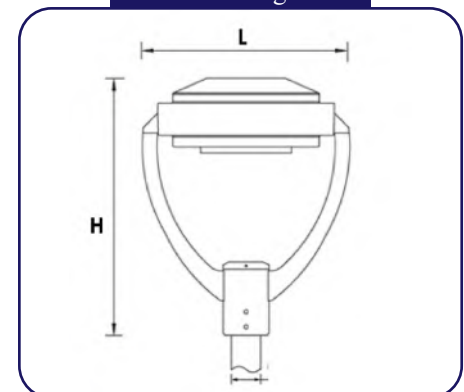
<b>Applications</b>	Outdoor - Commercial premises, Walkways, Park, Gardens, Rural road
<b>Mounting</b>	Pole top
<b>THD</b>	< 10
<b>Power Factor</b>	0.98
<b>Housing</b>	Die cast aluminum
<b>Reflector</b>	Pure anodizing aluminum
<b>Internal Protection</b>	IP 65
<b>Impact Strength</b>	IK 10
<b>Weight</b>	9.2 Kg
<b>Efficacy</b>	110 Lumens / Watt
<b>Working Temp (ta)</b>	55°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	50,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
<b>Other Options</b>	Dimming 0-10V



**Photometric Data**



**Drawing**



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
NLC OT-06	45W	425 x 545 mm	4950 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	120° 150°
	60W		6600 LM		4000K	
	80W		8800 LM		6000K	

Environment friendly product that is free of any hazardous materials

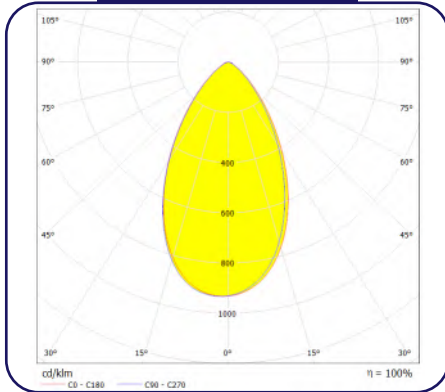




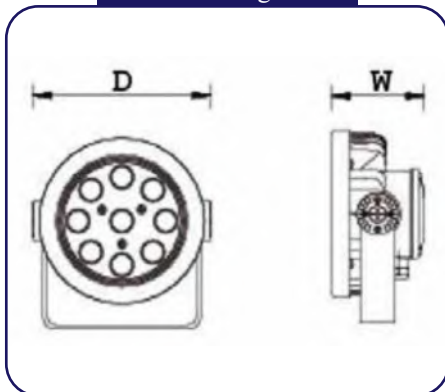
**OT Series**

**OT-07**

**Photometric Data**



**Drawing**



**Applications**

Outdoor - Signs, Pathway lighting, Parks, Gardens, Porch

**Mounting**

Ground

**THD**

< 10

**Power Factor**

0.95

**Housing**

Die cast aluminum

**Diffuser**

Tempered glass + Lens

**Internal Protection**

IP 66

**Impact Strength**

IK 08

**Weight**

1.5-3Kg

**Efficacy**

100 Lumens / Watt

**Working Temp (ta)**

55°C

**Warranty**

5 Years

**Life Time**

50,000 Hours

**CRI**

> 80

**Certification**

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



**Other Options**

Dimming 0-10V

RGB



Model	Power	Size (D x W)	Lumen	Voltage	CCT	Beam Angle
NLC OT-07	9W	95 x 120 mm	900 LM	220-240V/50/60Hz	3000K	25°
	12W	130 x 160 mm	1200 LM		4000K	45°
	18W	150 x 160 mm	1800 LM	110-277V/ 50/60Hz	6000K	60°
	30W	180 x 260 mm				90° 120°

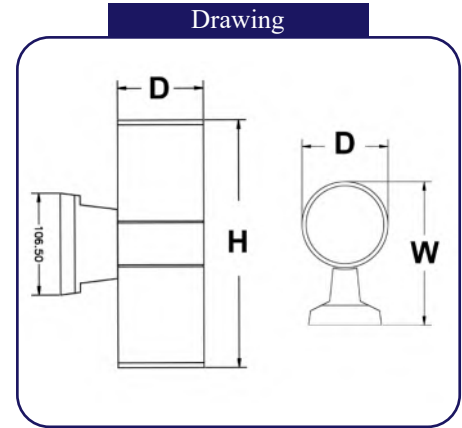
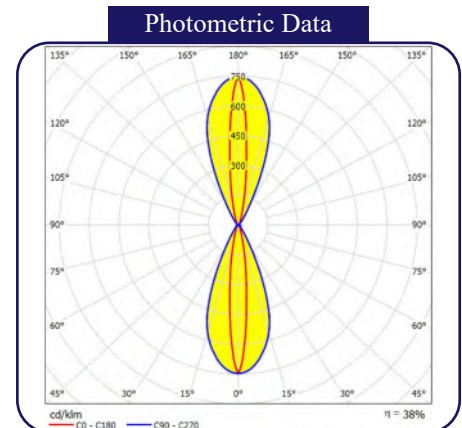


Environment friendly product that is free of any hazardous materials



**OT Series** / **OT-08**

<b>Applications</b>	Outdoor - Entrances, Building walls, Fences
<b>Mounting</b>	Wall
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Die-cast aluminum
<b>Diffuser</b>	Toughened matt / Clear glass
<b>Internal Protection</b>	IP 66
<b>Impact Strength</b>	IK 08
<b>Weight</b>	5.2 Kg
<b>Efficacy</b>	100 Lumens / Watt
<b>Working Temp (ta)</b>	55°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	50,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
<b>Other Options</b>	Dimming 0-10V Photocell Single direction (Up or Down) Double direction (Up & Down)



Model	Power	Size (H x W x D)	Lumen	Voltage	CCT	Beam Angle
NLC OT-08	1 x 9W	157 x 150 x 90mm	900 LM	220-240V/60Hz 110-277V/60Hz	3000K	18°
	1 x 18W		1800 LM		4000K	24°
	2 x 9W	259 x 150 x 90mm	2 x 900 LM		6000K	36°
	2 x 18W		2 x 1800LM			

Environment friendly product that is free of any hazardous materials

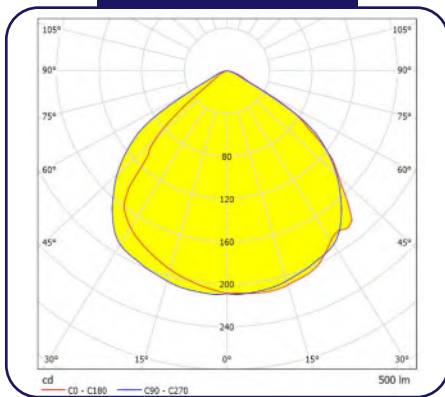




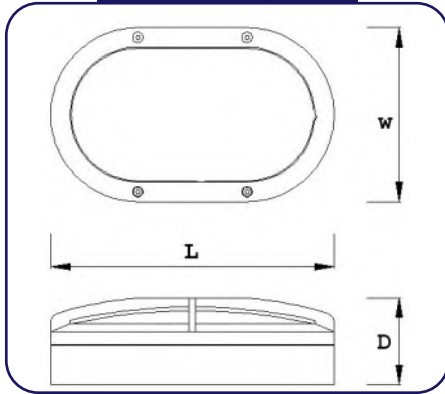
**OT Series**

**OT-09**

**Photometric Data**



**Drawing**



**Applications**

Outdoor - Entrances, Building walls, Fences

**Mounting**

Wall

**THD**

< 10

**Power Factor**

0.95

**Housing**

Die cast aluminum

**Diffuser**

PC

**Internal Protection**

IP 55

**Impact Strength**

IK 08

**Weight**

2 Kg

**Efficacy**

100 Lumens / Watt

**Working Temp (ta)**

55°C

**Warranty**

5 Years

**Life Time**

50,000 Hours

**CRI**

> 80

**Certification**

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



**Other Options**

Dimming 0-10V

Wire Guard



Model	Power	Size (L x W x D)	Lumen	Voltage	CCT
NLC OT-09	6W	215 x 134 x 67mm	600 LM	220-240V/50/60Hz	3000K
	12W		1200 LM		4000K
				110-277V/ 50/60Hz	6000K








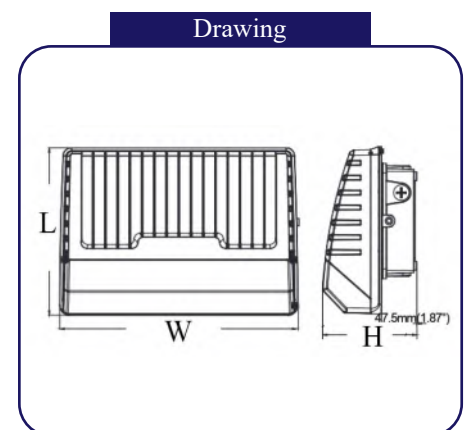
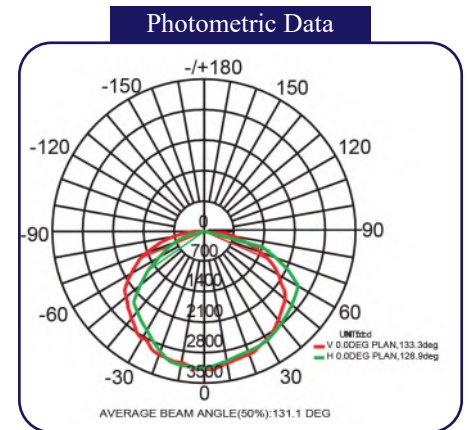
Environment friendly product that is free of any hazardous materials



**OT Series**

**OT-10**

<b>Applications</b>	Outdoor - Entrances, Building walls, Fences, Door top
<b>Mounting</b>	Wall
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Die-cast aluminum
<b>Diffuser</b>	Clear glass
<b>Internal Protection</b>	IP 65
<b>Impact Strength</b>	IK 09
<b>Weight</b>	1.4 - 3.7 Kg
<b>Efficacy</b>	120 Lumens / Watt
<b>Working Temp (ta)</b>	55°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	72,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902  UL Listed  LM79, ISTMT, TM21  Photobiological  
<b>Other Options</b>	Emergency Backup - 3 Hr Dimming 0-10V



Model	Power	Size (H x L x W)	Lumen	Voltage	CCT	Beam Angle
NLC OT-10	30W	216 x 180 x 98 mm	3600 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 6000K	120°
	50W		6000 LM			
	70W	319 x 225 x 126 mm	8400 LM			
	80W		9600 LM			
	100W		12000 LM			

Environment friendly product that is free of any hazardous materials

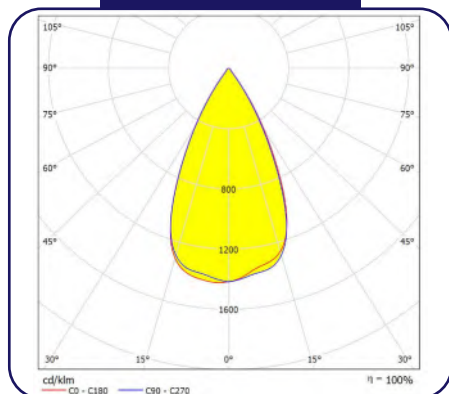




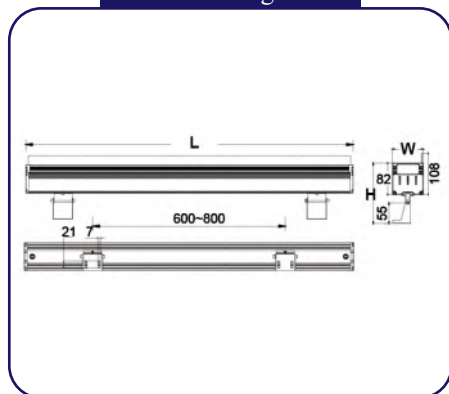
## OT Series

## OT-11

### Photometric Data



### Drawing



### Applications

Outdoor - Entrance Area, Garden, Hotel, Apartment or Commercial buildings, Facade, Shops

### Mounting

Wall

### THD

< 10

### Power Factor

0.96

### Housing

Extruded Aluminum

### Diffuser

Glass

### Internal Protection

IP 67

### Impact Strength

IK 10

### Weight

3 - 6 Kg

### Efficacy

100 Lumens / Watt

### Working Temp (ta)

55°C

### Warranty

5 Years

### Life Time

72,000 Hours

### CRI

> 90

### Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



### Other Options

Dimming 0-10V

Dali Interface

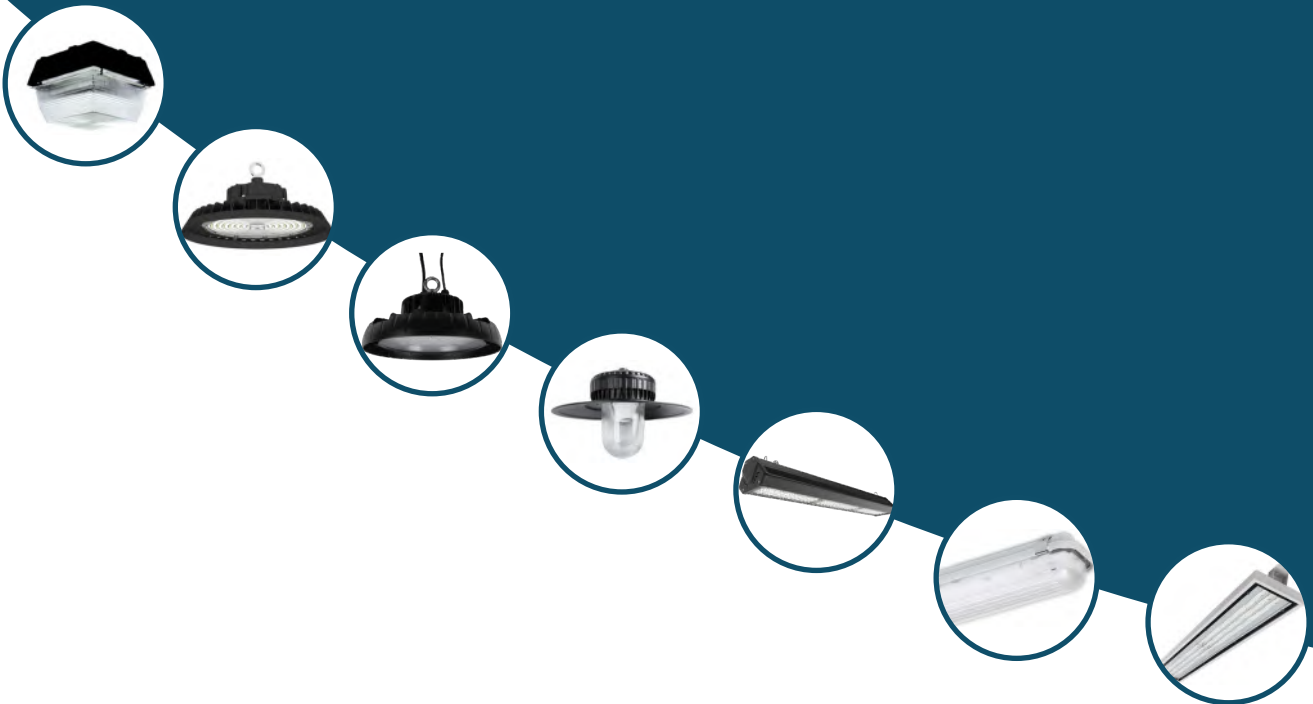


Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC OT-11	24W	1000 x 41 x 81 mm	2400LM	220-240V/50/60Hz	3000K	30°
	54W	1000 x 60 x 141 mm	4800 LM		4000K	45°
	72W	1000 x 81 x 160 mm	7200 LM	110-277V/ 50/60Hz	5700K	10 x 60°
	120W		12000 LM		RGB	20 x 40°



# Industrial Lights

## WP Series



Environment friendly product that is free of any hazardous materials

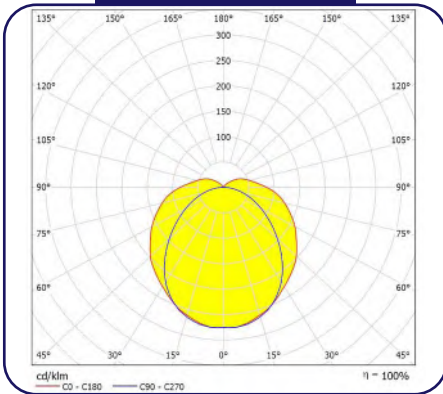




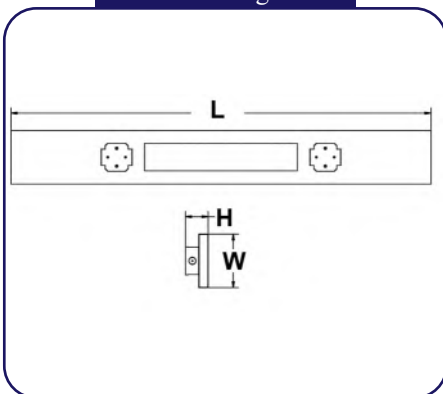
**WP Series**

**WP-01**

**Photometric Data**



**Drawing**



**Applications**

Indoor & Outdoor - Tunnel, Workshop, Warehouse, Electro-mech room, Hangers

**Mounting**

Surface

**THD**

< 10

**Power Factor**

0.96

**Housing**

Galvanized steel

**Diffuser**

Tempered glass

**Internal Protection**

IP 65

**Impact Strength**

IK 09

**Weight**

9Kg

**Efficacy**

140 Lumens / Watt

**Working Temp (ta)**

70°C

**Warranty**

5 Years

**Life Time**

72,000 Hours

**CRI**

> 80

**Certification**

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



**Other Options**

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

Pendant mounted

Flexible size



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC WP-01	60W	1250 x 150 x 89 mm	8400 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 6500K	120°
	90W		12600 LM			
	120W	1250 x 200 x 89 mm	16800 LM			
	150W		21000 LM			



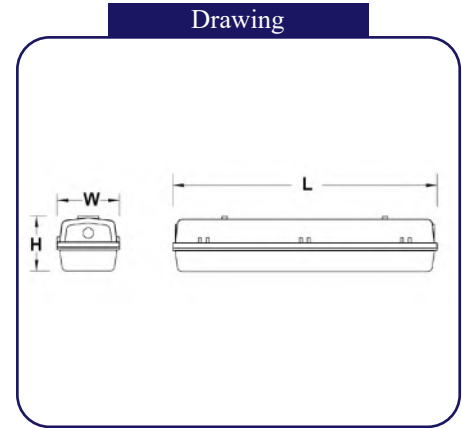
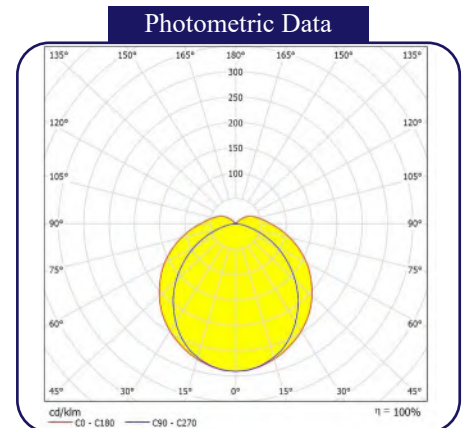
Environment friendly product that is free of any hazardous materials





**WP Series** / **WP-02**

<b>Applications</b>	Indoor & Outdoor- Parking garages, Factories, Canopy, Workshops, Electro-mech room, Store rooms
<b>Mounting</b>	Surface
<b>THD</b>	< 10
<b>Power Factor</b>	0.96
<b>Housing</b>	Glass fibre-reinforced polyester (GRP)
<b>Diffuser</b>	PMMA
<b>Internal Protection</b>	IP 66
<b>Impact Strength</b>	IK 08
<b>Weight</b>	1.1 - 2.4 Kg
<b>Efficacy</b>	120 Lumens / Watt
<b>Working Temp (ta)</b>	55°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	72,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
<b>Other Options</b>	Emergency Backup - 3 Hr Dimming 0-10V Dali Interface IP66



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC WP-02	20W	666 x 100 x 108 mm	2400 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 6500K	120°
	34W		4080 LM			
	44W	1275 x 100 x 108 mm	5280 LM			
	55W		6600 LM			
	75W		1275 x 170 x 108 mm			

Environment friendly product that is free of any hazardous materials

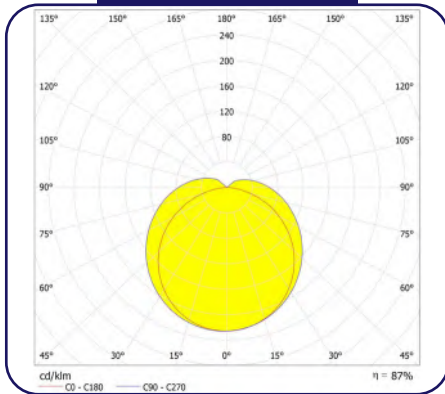




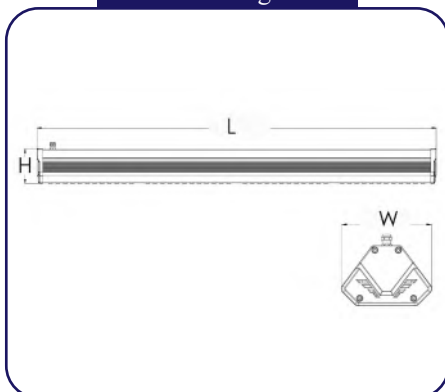
WP Series

WP-03

Photometric Data



Drawing



<b>Applications</b>	Indoor & Outdoor - Workshop, Warehouse, Electro-mech room, Hangers
<b>Mounting</b>	Surface
<b>THD</b>	< 10
<b>Power Factor</b>	0.96
<b>Housing</b>	Extruded Aluminum
<b>Diffuser</b>	Polycarbonate lens
<b>Internal Protection</b>	IP 65
<b>Impact Strength</b>	IK 08
<b>Weight</b>	7Kg
<b>Efficacy</b>	160 Lumens / Watt
<b>Working Temp (ta)</b>	50°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	50,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
<b>Other Options</b>	Emergency Backup - 3 Hr Dimming 0-10V Dali Interface Pendant Mounted Mounting Rope



Model	Power	Size(L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC WP-03	50W	278 x 135 x 90 mm	8000 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 6000K	120°
	100W	529 x 135 x 90 mm	16000 LM			
	150W	780 x 135 x 90 mm	24000 LM			
	200W	1131 x 135 x 90 mm	32000 LM			



Environment friendly product that is free of any hazardous materials

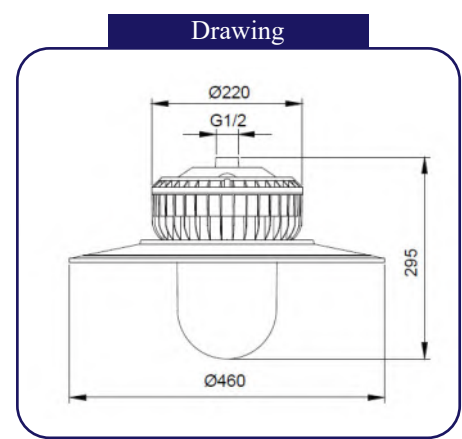
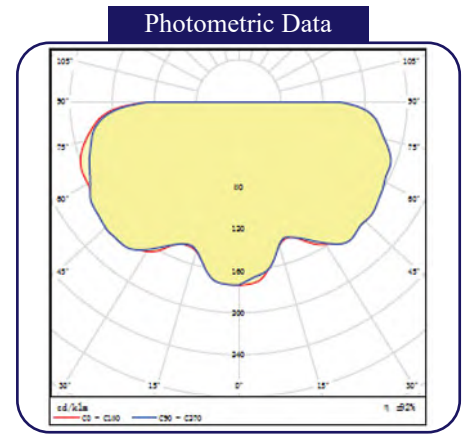


**WP Series** / **WP-04**

<b>Applications</b>	Indoor & Outdoor - Workshop, Warehouse, Electro-mech room, Hangers
<b>Mounting</b>	Surface
<b>THD</b>	< 10
<b>Power Factor</b>	0.98
<b>Housing</b>	Die cast aluminum
<b>Diffuser</b>	PMMA
<b>Internal Protection</b>	IP 65
<b>Impact Strength</b>	IK 10
<b>Weight</b>	9.2 Kg
<b>Efficacy</b>	100 Lumens / Watt
<b>Working Temp (ta)</b>	55°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	50,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological



<b>Other Options</b>	Emergency Backup - 3 Hr Dimming 0-10V Dali Interface
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Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
NLC WP-04	40W	460 x 295 mm	4000 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	120° 150°
	50W		5000 LM		4000K	
	60W		6000 LM		6000K	

Environment friendly product that is free of any hazardous materials

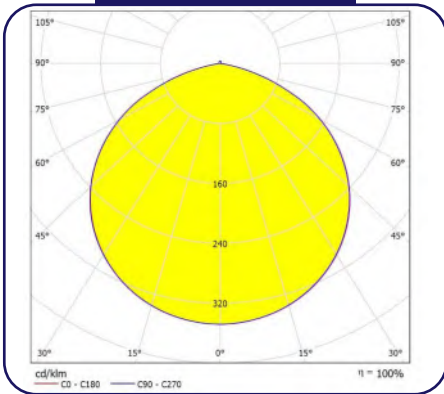




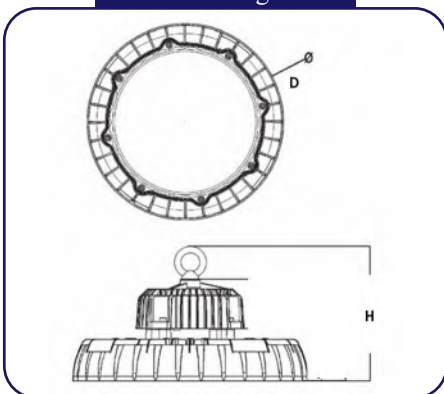
WP Series








L62

Photometric Data



Drawing



<b>Applications</b>	Indoor - Factories, Workshop, Warehouse, Tunnel, Electro-mech room, Hangers
<b>Mounting</b>	Pendant by chain
<b>THD</b>	< 10
<b>Power Factor</b>	0.98
<b>Housing</b>	Die-cast aluminum
<b>Diffuser</b>	Polycarbonate lens
<b>Internal Protection</b>	IP 65
<b>Impact Strength</b>	IK 08
<b>Weight</b>	2.9 - 6.2 Kg
<b>Efficacy</b>	140 Lumens / Watt
<b>Working Temp (ta)</b>	55°C
<b>Warranty</b>	Years
<b>Life Time</b>	72,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902  UL Listed  LM79, ISTMT, TM21  Photobiological 
<b>Other Options</b>	Emergency Backup - 3 Hr  Dimming 0-10V  Dali Interface  Trunion bracket Surface mounted High efficacy - 170LM/W

Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
NLC L62	60W	250 x 140 mm	8400 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	60°
	100W		14000 LM			
	150W	320 x 140 mm	21000 LM		4000K	90°
	200W	400 x 140 mm	28000 LM		5700K	120°
	240W		33600 LM			



Environment friendly product that is free of any hazardous materials

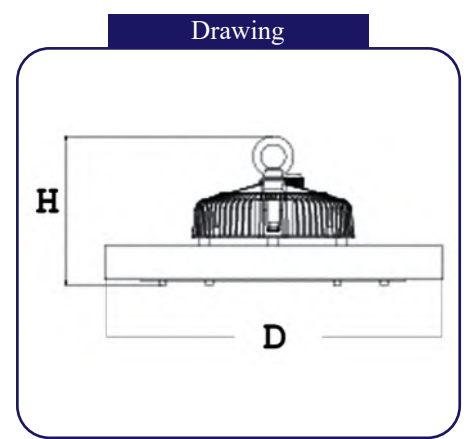
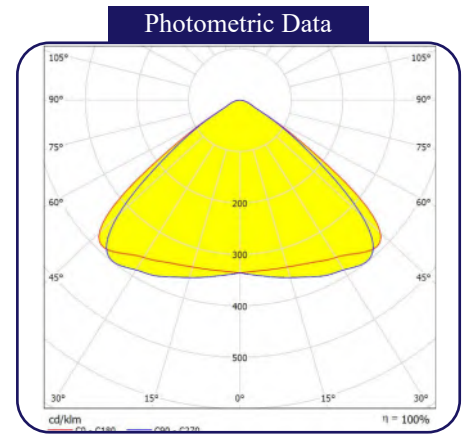


**WP Series** / **L63**

<b>Applications</b>	Indoor - Factories, Workshop, Warehouse, Tunnel, Electro-mech room, Hangers
<b>Mounting</b>	Pendant by chain
<b>THD</b>	< 10
<b>Power Factor</b>	0.98
<b>Housing</b>	Die-cast aluminum
<b>Diffuser</b>	Polycarbonate lens
<b>Internal Protection</b>	IP 66
<b>Impact Strength</b>	IK 10
<b>Weight</b>	2.9 - 6.2 Kg
<b>Efficacy</b>	140 Lumens / Watt
<b>Working Temp (ta)</b>	55°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	60,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological



<b>Other Options</b>	Emergency Backup - 3 Hr Dimming 0-10V Dali Interface Trunion bracket
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Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
NLC L63	100W	253 x 111mm	14000 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 5700K	60° 90° 120°
	150W	308 x 117mm	21000 LM			
	200W	354 x 122mm	28000 LM			
	300W	405 x 130mm	42000 LM			

Environment friendly product that is free of any hazardous materials

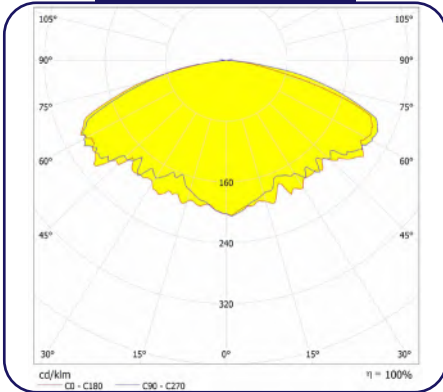




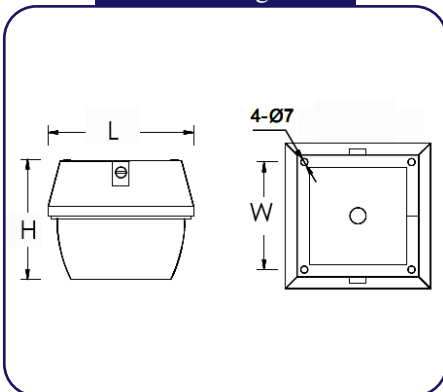
**WP Series**

**712S**

**Photometric Data**



**Drawing**



**Applications**

Indoor & Outdoor- Parking garages, Factories, Canopy, Workshops, Electro-mech room, Store rooms

**Mounting**

Surface

**THD**

< 10

**Power Factor**

0.98

**Housing**

Die cast aluminum

**Diffuser**

PMMA

**Internal Protection**

IP 65

**Impact Strength**

IK 10

**Weight**

9.2 Kg

**Efficacy**

100 Lumens / Watt

**Working Temp (ta)**

55°C

**Warranty**

5 Years

**Life Time**

50,000 Hours

**CRI**

> 80

**Certification**

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



**Other Options**

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

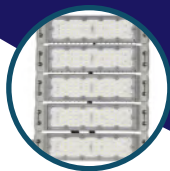
Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC 712S	10W	225 x 166 x 185 mm	1000 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	120°
	15W		1500 LM		4000K	
	25W		2500 LM		6000K	



Environment friendly product that is free of any hazardous materials

# Area Lights

## FL Series



Environment friendly product that is free of any hazardous materials

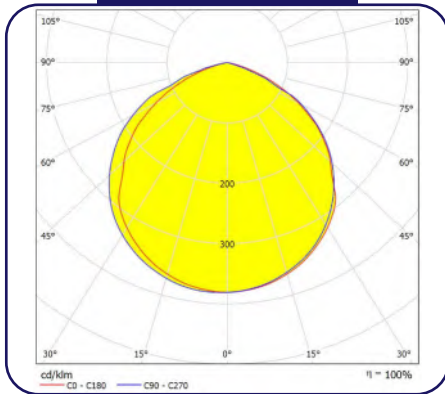




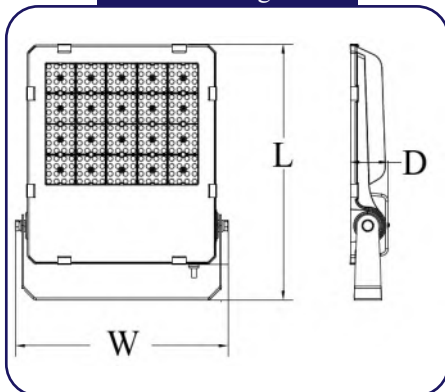
## FL Series

## L64

Photometric Data



Drawing



### Applications

Outdoor - Areas, Farms, Building Washers, Parking Area

### Mounting

Trunion - Pole / Wall

### THD

< 10

### Power Factor

0.98

### Housing

Die cast aluminum

### Diffuser

Clear silk printed tempered glass

### Internal Protection

IP 65

### Impact Strength

IK 07

### Weight

1.4- 4.6 Kg

### Efficacy

130 Lumens / Watt

### Working Temp (ta)

50°C

### Warranty

5 Years

### Life Time

72,000 Hours

### CRI

> 80

### Certification

SASO 2902



UL Listed



LM79, ISTMT, TM21



Photobiological

### Other Options

Dimming 0-10V



Photocell






Model	Power	Size (L x W x D)	Lumen	Voltage	CCT	Beam Angle
NLC L64	30W	267 x 226 x 44 mm	3900 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	30°
	50W		6500 LM			4000K
	100W	362 x 299 x 54 mm	13000 LM		5700K	90°
	150W	420 x 349 x 62 mm	19500 LM			150°
	200W		26000 LM			





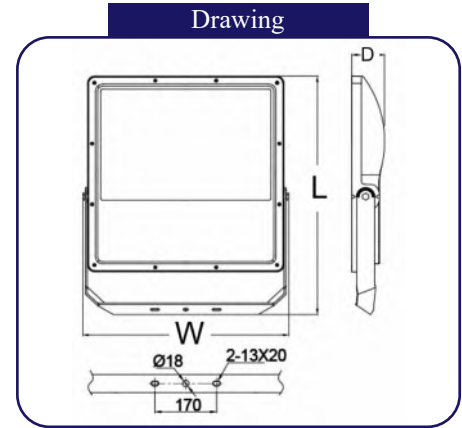
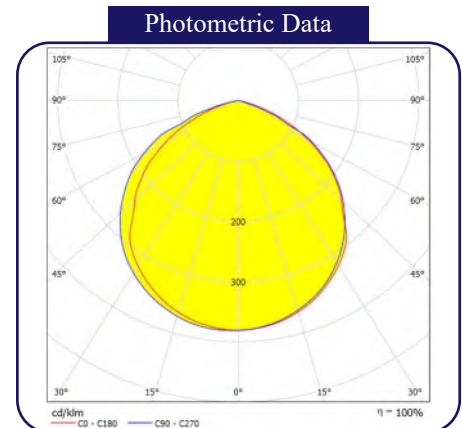




**FL Series** / **L65**

<b>Applications</b>	Outdoor - Areas, Farms, Building Washers, Parking Area
<b>Mounting</b>	Trunion - Pole / Wall
<b>THD</b>	< 10
<b>Power Factor</b>	0.98
<b>Housing</b>	Die cast aluminum
<b>Diffuser</b>	Tempered glass
<b>Internal Protection</b>	IP 66
<b>Impact Strength</b>	IK 08
<b>Weight</b>	1.4- 4.6 Kg
<b>Efficacy</b>	130 Lumens / Watt
<b>Working Temp (ta)</b>	60°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	72,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902  UL Listed  LM79, ISTMT, TM21  Photobiological

<b>Other Options</b>	Dimming 0-10V  Photocell 
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Model	Power	Size (L x W x D)	Lumen	Voltage	CCT	Beam Angle
NLC L65	150W	480 x 475 x 63 mm	19500 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	60°
	200W		26000 LM			
	360W	570 x 660 x 90 mm	46800 LM		5700K	
	480W		62400 LM			

Environment friendly product that is free of any hazardous materials 



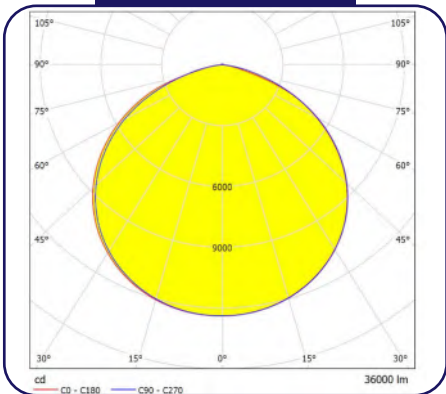


## FL Series

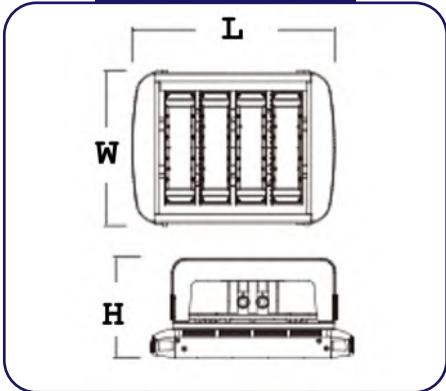
## L81



### Photometric Data



### Drawing



### Applications

Outdoor/Indoor - Sport Fields, Warehouses, Hangers, Tunnels

### Mounting

Trunion - Wall / Pendant / Ceiling

### THD

< 10

### Power Factor

0.98

### Housing

Die cast aluminum

### Diffuser

Polycarbonate lens

### Internal Protection

IP 66

### Impact Strength

IK 08

### Weight

3.3 - 11.5 Kg

### Efficacy

140 Lumens / Watt

### Working Temp (ta)

60°C

### Warranty

5 Years

### Life Time

60,000 Hours

### CRI

> 80

### Certification

SASO 2902



UL Listed



LM79, ISTMT, TM21



Photobiological

### Other Options

Emergency Backup - 3 Hr



Dimming 0-10V



Photocell



High efficacy - 170LM/W

Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC L81	60W	316 x 367 x 239 mm	8400 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	90° 110°
	90W		12600 LM			
	120W	16800 LM				
	150W	394 x 367 x 239 mm	21000 LM		4000K	
	180W		25200 LM		5700K	
	240W	478 x 367x 239 mm	33600 LM			
	300W		42000 LM			



Environment friendly product that is free of any hazardous materials



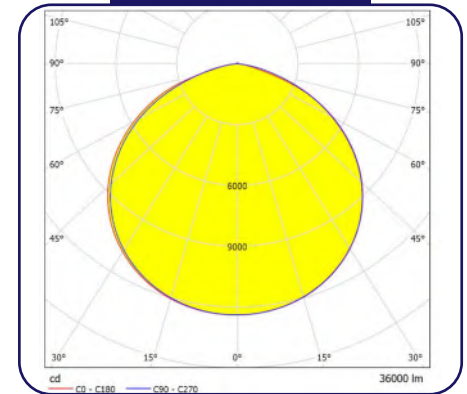
**FL Series**

**L82**

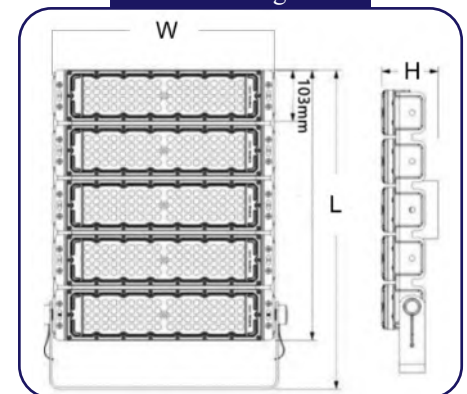
<b>Applications</b>	Outdoor/Indoor - Sport Fields, Warehouses, Hangers, Tunnels
<b>Mounting</b>	Trunion - Wall / Pendant / Ceiling
<b>THD</b>	< 10
<b>Power Factor</b>	0.98
<b>Housing</b>	Die cast aluminum
<b>Diffuser</b>	Polycarbonate lens
<b>Internal Protection</b>	IP 65
<b>Impact Strength</b>	IK 08
<b>Weight</b>	3 - 23 Kg
<b>Efficacy</b>	140 Lumens / Watt
<b>Working Temp (ta)</b>	55°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	50,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
<b>Other Options</b>	Dimming 0-10V Photocell



**Photometric Data**



**Drawing**



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC L82	100W	400 x 100 x 180 mm	14000 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 5700K	90°
	200W	400 x 205 x 180 mm	28000 LM			
	300W	400 x 305 x 180 mm	42000 LM			
	400W	400 x 410 x 180 mm	56000 LM			
	500W	400 x 515 x 180 mm	70000 LM			
	600W	400 x 620 x 180 mm	84000 LM			
	800W	765 x 410 x 180 mm	112000 LM			
	1000W	765 x 515 x 180 mm	140000 LM			
	1200W	765 x 620 x 180 mm	168000 LM			

Environment friendly product that is free of any hazardous materials

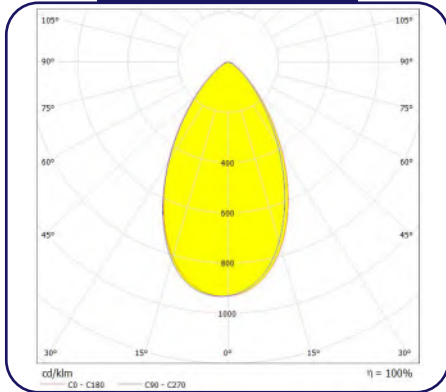




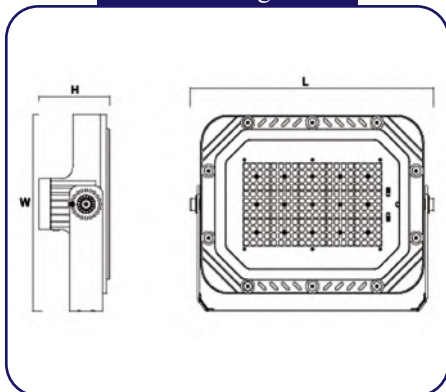
**FL Series**

**T150**

**Photometric Data**



**Drawing**



<b>Applications</b>	Outdoor - Areas, Farms, Building Washers, Parking Area
<b>Mounting</b>	Trunion - Ground / Pole / Wall
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Die-casting Aluminum.
<b>Diffuser</b>	Tempered glass
<b>Internal Protection</b>	IP 65
<b>Impact Strength</b>	IK 08
<b>Weight</b>	5 - 8.6 Kg
<b>Efficacy</b>	130 Lumens / Watt
<b>Working Temp (ta)</b>	55°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	72,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
<b>Other Options</b>	Dimming 0-10V



Model	Power	Size(L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC T150	60W	303 x 246 x 93 mm	7800 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	4000K	60°
	80W		10400 LM			
	100W	385 x 309 x 110 mm	13000 LM		5700K	75x135°
	150W		19500 LM			
	200W		437 x 352 x 126 mm			



Environment friendly product that is free of any hazardous materials

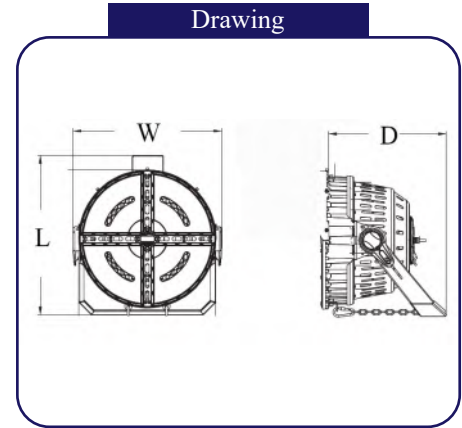
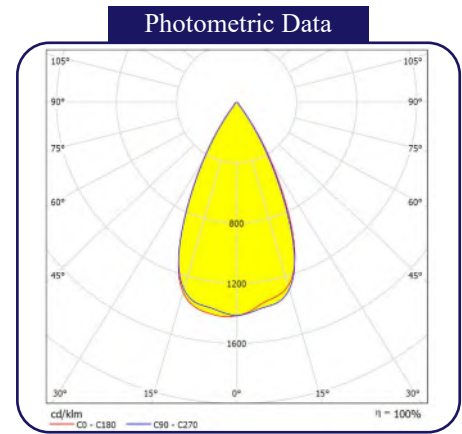


**FL Series** / **L900**

<b>Applications</b>	Outdoor - Sport Fields, Airports, Stadiums
<b>Mounting</b>	Trunion - Pole / Pendant
<b>THD</b>	< 10
<b>Power Factor</b>	0.98
<b>Housing</b>	Die-casting Aluminum
<b>Diffuser</b>	Polycarbonate lens
<b>Internal Protection</b>	IP 66
<b>Impact Strength</b>	IK 10
<b>Weight</b>	14-18 Kg
<b>Efficacy</b>	150 Lumens / Watt
<b>Working Temp (ta)</b>	55°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	72,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological



<b>Other Options</b>	Dimming 0-10V Photocell A= Top Fixed B=Under Mount Yoke (with driver box) C=Under Mount Yoke (split mode) D=Yoke Mount D=Add a Slip Fitter Hood / Shield
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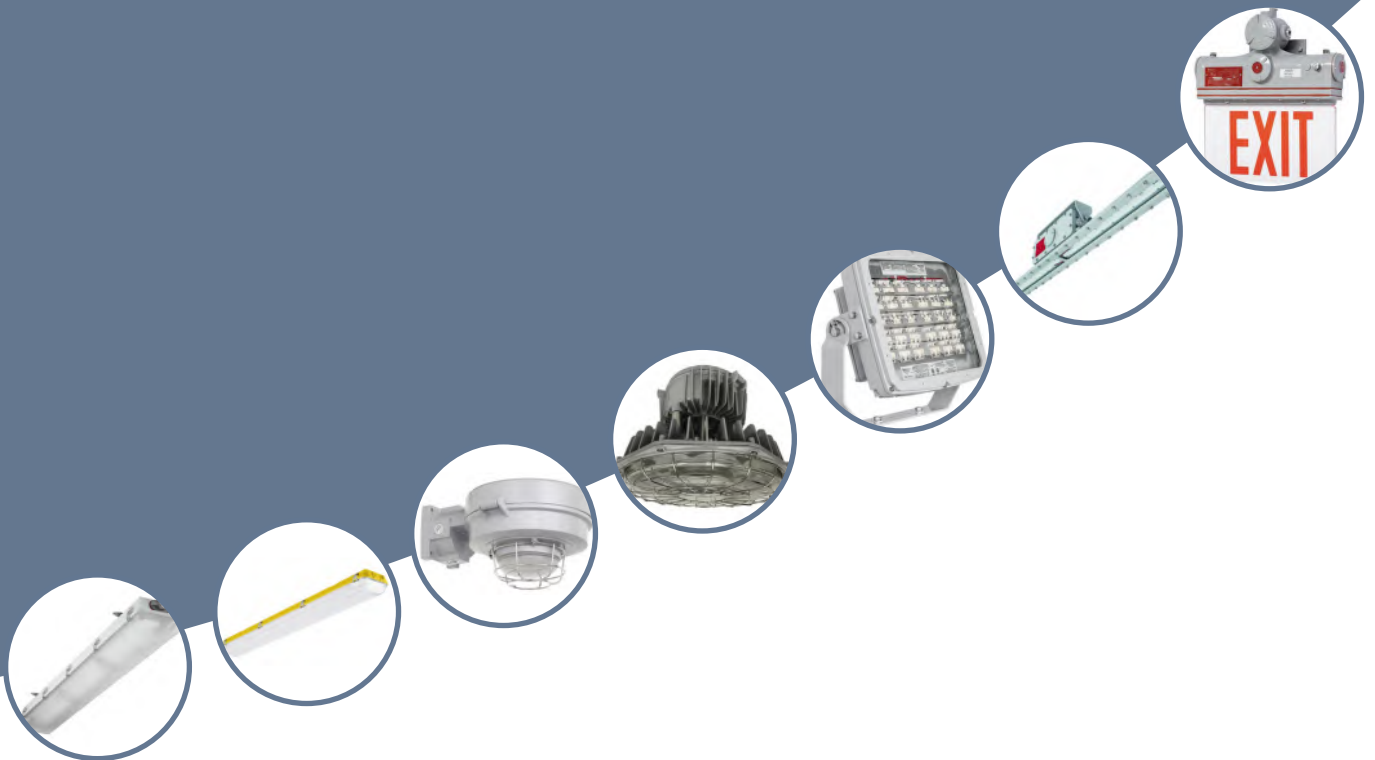
Model	Power	Size (L x W x D)	Lumen	Voltage	CCT	Beam Angle
NLC L900	300W	509 x 452 x 632 mm	45000 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	15°
	400W		60000 LM			
	500W		75000 LM			
	600W		90000 LM			
	700W	591 x 554 x 724 mm	105000 LM		5700K	30°
	800W		120000LM		45°	
	1000W		150000 LM		80°	

Environment friendly product that is free of any hazardous materials



# Explosion Proof

## EX Series



Environment friendly product that is free of any hazardous materials

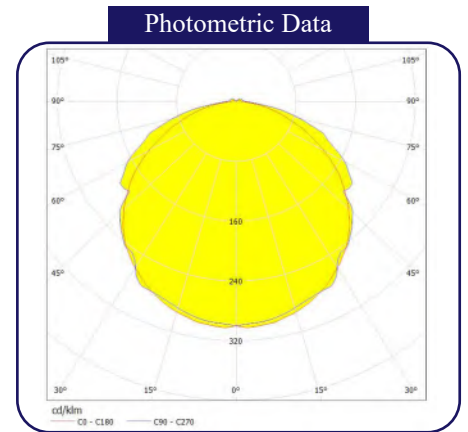


**EX Series** / **MHD2**

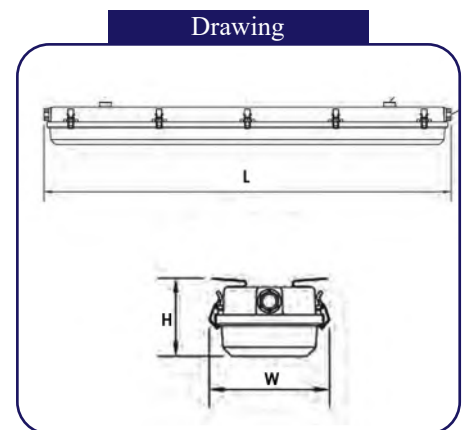
**Applications** Hazardous Locations, Petrochemical plants, Refineries, Wastewater treatment facilities, explosive gasses, dusts, and fibers

<b>Mounting</b>	Surface
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Fiberglass reinforced PET resin
<b>Diffuser</b>	High Impact DR acrylic
<b>Internal Protection</b>	IP 66
<b>Impact Strength</b>	IK 09
<b>Efficacy</b>	100 Lumens / Watt
<b>Working Temp (ta)</b>	55°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	70,000 Hours
<b>CRI</b>	> 80

**Certification** SASO 2902  
 LM79, ISTMT, TM21  
 Photobiological  
 NEMA 4X  
 UL Listed  
 UL 844 Hazardous Locations  
 Class I, Zone 2, Groups IIA, IIB, IIC,  
 Zone 22 (ANSI/UL 844)  
 UL 1598A Marine Outside Type  
 UL 1598 Wet Locations  
 UL 8750 LED Safety  
 Class I, Division 2, Groups A, B, C&D - T5  
 Class II, Division 2, Groups F & G - T5  
 Class III



**Other Options** Emergency Backup - 3 Hr  
 Dimming 0-10V



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC MHD2	07=56W	4 = Four Foot 1350 x 200 x 127 mm	5600 LM	U = 120 - 277V/60 Hz	3000K	110°
	N = 347V/480/60Hz			4000K		
	B = 220 - 240V/60Hz			6000K		
	09=74W		7400 LM			

Environment friendly product that is free of any hazardous materials





## EX Series ACQUEX

### Applications

Hazardous Locations, Petrochemical plants, Refineries, Wastewater treatment facilities, explosive gasses, dusts, and fibers

### Mounting

Ceiling, Wall or Suspended.

### THD

< 10

### Power Factor

0.96

### Housing

Glass fibre-reinforced polyester (GRP)

### Diffuser

PMMA

### Internal Protection

IP 66

### Impact Strength

IK 10

### Weight

2 - 4 Kg

### Efficacy

110 Lumens / Watt

### Working Temp (ta)

55°C

### Warranty

5 Years

### Life Time

72,000 Hours

### CRI

> 80

### Fire protection

Flammability (UL94): V2

Glow wire test (EN 60695-2-11): 650°

### Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological

II 3G Ex nA IIC T6 Gc

II 3D Ex tc IIIC T85 Dc IP66



### Other Options

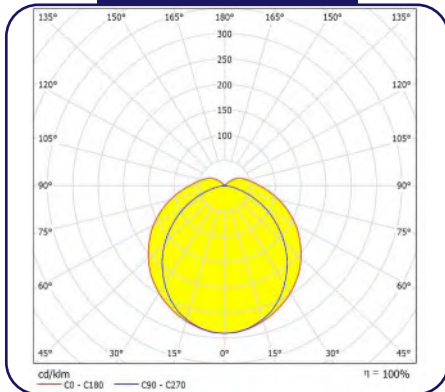
Emergency Backup - 3 Hr

Dimming 0-10V

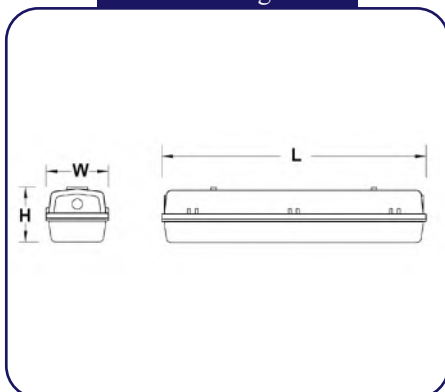
Dali Interface



### Photometric Data



### Drawing



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC ACQUEX	40W	1282 x 145 x 101 mm	4400LM	220-240V/50/60Hz	3000K	120°
	50W		5500 LM		4000K	
	70W		7700 LM	110-277V/ 50/60Hz	6500K	



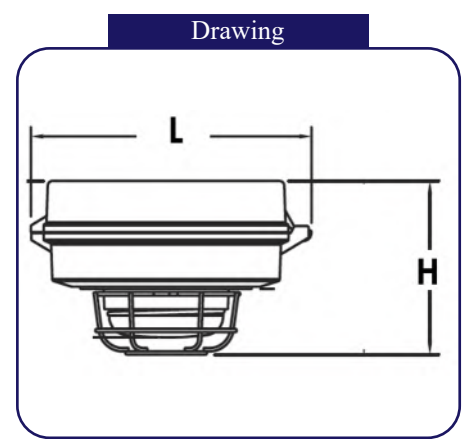
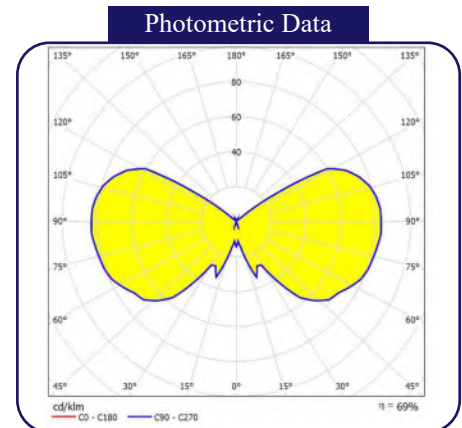
Environment friendly product that is free of any hazardous materials





**EX Series** / **SAF J**

<b>Applications</b>	Parking lots, Warehouses, Factories, Mining/Heavy industry, Sporting Complexes, Retails, Exhibition halls
<b>Mounting</b>	Pendant / Ceiling / Wall / Stanchion
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Aluminium with epoxy finish
<b>Diffuser</b>	Borosilicate glass
<b>Internal Protection</b>	IP 66
<b>Impact Strength</b>	IK 10
<b>Efficacy</b>	100 Lumens / Watt
<b>Working Temp (ta)</b>	55°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	70,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 LM79, ISTMT, TM21 Photobiological NEMA 4X UL Listed UL 1598A Marine Outside Type UL 1598 Wet Locations UL 844 Hazardous Locations UL 8750 LED Safety Class I, Division 2, Groups A, B, C, & D - T2 Class II, Division 1 & 2, Groups E, F & G - T3A Class III ABS Type Approved
<b>Other Options</b>	Dimming 0-10V Dali Interface Globe & Guard



Model	Power	Size (L x H)	Lumen	Voltage	CCT	Mounting
NLC SAFJ	03=30W	296 x 178 mm	3050 LM	U = 120-277V/60Hz N = 347/480V/60Hz	3000K	P = ¾" Pendant Mount P1 = 1" Pendant Mount C = ¾" Ceiling Mount C1 = 1" Ceiling Mount W = ¾" Wall Mount W1 = 1" Wall Mount S = 1-¼" 25° Stanchion Mount S1 = 1-½" 25° Stanchion Mount L = 1-¼" 90° Stanchion Mount L1 = 1-½" 90° Stanchion Mount
	06=50W		4800 LM		4000K	
				6000K		

Environment friendly product that is free of any hazardous materials

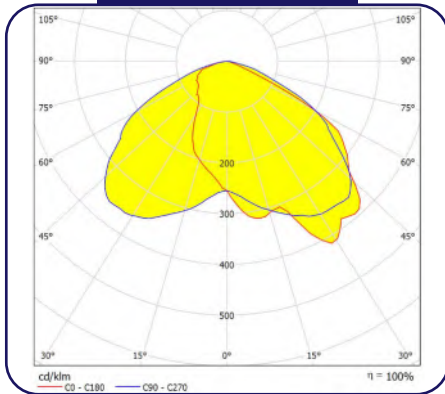




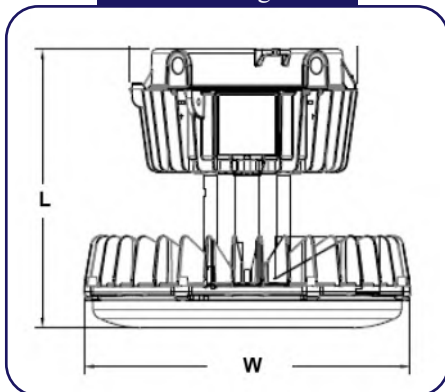
## EX Series

## SAF Hi

Photometric Data



Drawing



### Applications

Parking lots, Warehouses, Factories, Mining/Heavy industry, Sporting Complexes, Retails, Exhibition halls

### Mounting

Pendant / Ceiling / Wall / Stanchion

### THD

< 10

### Power Factor

0.95

### Housing

Aluminium with epoxy finish

### Diffuser

Borosilicate glass

### Internal Protection

IP 66

### Impact Strength

IK 10

### Efficacy

125 Lumens / Watt

### Working Temp (ta)

65°C

### Warranty

5 Years

### Life Time

70,000 Hours

### CRI

> 80

### Certification

SASO 2902

LM79, ISTMT, TM21

Photobiological

NEMA 4X

UL Listed

UL 1598A Marine Outside Type

UL 1598 Wet Locations

UL 844 Hazardous Locations

UL 8750 LED Safety

Class I, Division 2, Groups A, B, C, & D

Class II, Division 1 & 2, Groups E, F & G

Class III

ABS Type Approved



### Other Options

Dimming 0-10V



Dali Interface



Globe & Guard

Model	Power	Size (L x H)	Lumen	Voltage	CCT	Mounting
NLC SAF Hi	16=160W	425 x 364 mm	20000 LM	U = 120-277V/60Hz N = 347/480V/60Hz	3000K	P = ¾" Pendant Mount P1 = 1" Pendant Mount C = ¾" Ceiling Mount C1 = 1" Ceiling Mount W = ¾" Wall Mount W1 = 1" Wall Mount S = 1-¼" 25° Stanchion Mount S1 = 1-½" 25° Stanchion Mount L = 1-¼" 90° Stanchion Mount L1 = 1-½" 90° Stanchion Mount
	21=210W		26250 LM		4000K	
	24=240W		30000 LM		6000K	



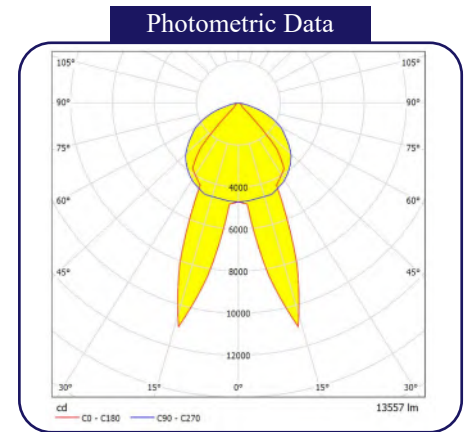
Environment friendly product that is free of any hazardous materials



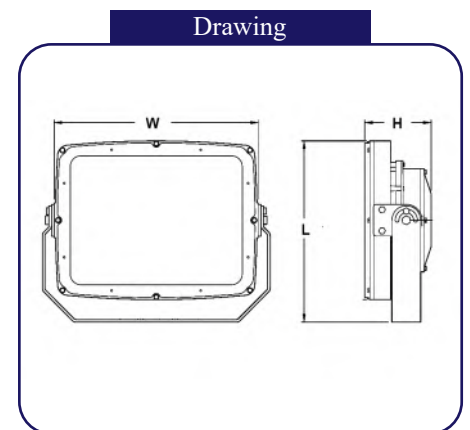
**EX Series**

**LHFL**

<b>Applications</b>	Parking lots, Warehouses, Factories, Mining/Heavy industry, Sporting Complexes, Retails, Exhibition halls
<b>Mounting</b>	Wall
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Aluminium with epoxy finish
<b>Diffuser</b>	Tempered glass
<b>Internal Protection</b>	IP 66
<b>Impact Strength</b>	IK 10
<b>Efficacy</b>	100 Lumens / Watt
<b>Working Temp (ta)</b>	55°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	70,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 LM79, ISTMT, TM21 Photobiological NEMA 4X UL 844 Hazardous Locations UL 1598A Marine Outside Type UL 1598 Wet Locations UL 8750 LED Safety Class I, Division 2, Groups A, B, C & D - T5 Class II, Divisions 1 & 2, Groups E, F & G - T4A Class III Zone 2, Groups IIA, IIB & IIC 65°C Ambient Temperature (Class I, Division 2) ABS Type Approved



<b>Other Options</b>	Emergency Backup - 3 Hr	
	Dimming 0-10V	
	Dali Interface	
	Guard & Visor	



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC LHFL	07=70W	435 x 495 x 161 mm	7420 LM	U=120-277V/60Hz	3000K	90°
	15=130W		13780 LM	N=347/480V/60Hz	4000K	
	200=188W		19928 LM		6000K	

Environment friendly product that is free of any hazardous materials

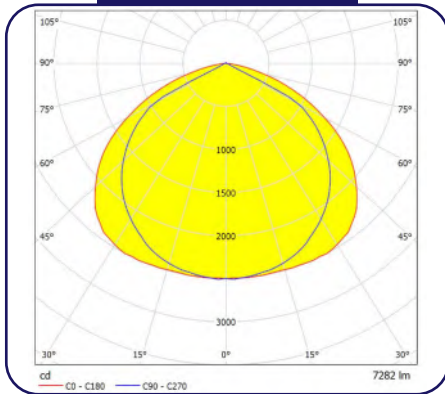




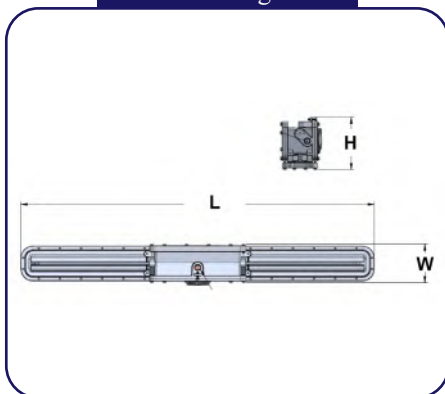
**EX Series**

**XML**

**Photometric Data**



**Drawing**



**Applications**

Parking lots, Warehouses, Factories, Mining/Heavy industry, Sporting Complexes, Retails, Exhibition halls

**Mounting**

Ceiling

**THD**

< 10

**Power Factor**

0.95

**Housing**

Aluminium with epoxy finish

**Diffuser**

Tempered glass

**Internal Protection**

IP 66

**Impact Strength**

IK 10

**Efficacy**

100 Lumens / Watt

**Working Temp (ta)**

-40°C to 65°C

**Warranty**

5 Years

**Life Time**

70,000 Hours

**CRI**

> 80

**Certification**

SASO 2902  
 LM79, ISTMT, TM21  
 Photobiological  
 NEMA 4X  
 UL Listed  
 UL 1598A Marine Outside Type  
 UL 1598 Wet Locations  
 UL 8750 LED Safety  
 UL 844 Hazardous Locations  
 UL 924 Emergency Lighting  
 Class I, Division 1, Groups C & D - T6  
 Class I, Division 2, Groups C & D - T4A  
 Class II, Division 1, Groups E, F & G - T6  
 Class III  
 ABS Type Approved



**Other Options**

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC XML	04=30W	2= Two Foot 609 x 134 x 182 mm	3000 LM	U =120-277V/60Hz	3000K	120°
	05=38W		3800 LM			
	06=45W	4= Four Foot 1219 x 134 x 182 mm	4500 LM	N =347/480V/60Hz	4000K	
	07=54W		5400 LM		B =220 -240V/60 Hz	
	09=75W		7500 LM			
	14=90W		9000 LM			

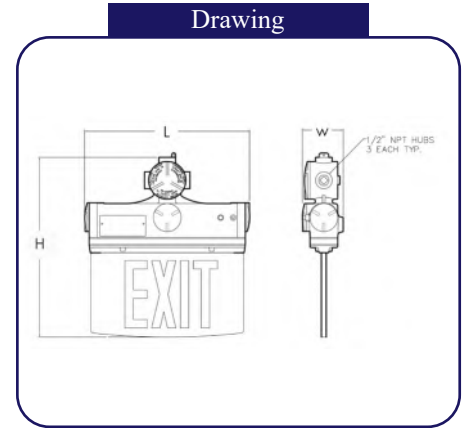
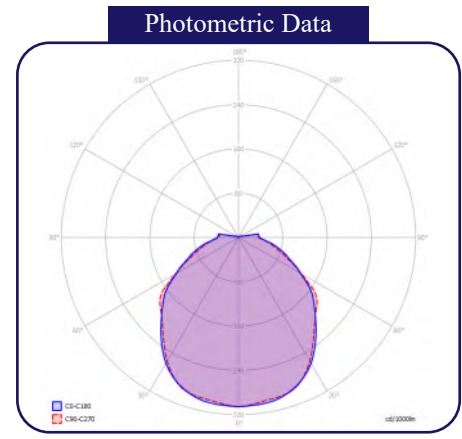


Environment friendly product that is free of any hazardous materials



**EX Series** / **HLEX**

<b>Applications</b>	Parking lots, Warehouses, Factories, Mining/Heavy industry, Sporting Complexes, Retails, Exhibition halls
<b>Mounting</b>	Wall/Pendant or End mount configurations
<b>Sign</b>	acrylic
<b>Source</b>	LED
<b>Housing</b>	A356T6 Aluminum
<b>Emergency Backup</b>	3 Hr
<b>Internal Protection</b>	IP 65
<b>Impact Strength</b>	IK 10
<b>Weight</b>	6Kg
<b>Number of Faces</b>	Single Face or Double Face
<b>Working Temp (ta)</b>	50°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	70,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL 844 hazardous locations UL 1598A marine outside type UL 1598 wet locations ETL Listed Class I, Division 2, Groups A, B, C and D Class II, Division 2, Groups F and G Class III



**Other Options** Customized Text - Sticker  
Right & Left Arrow

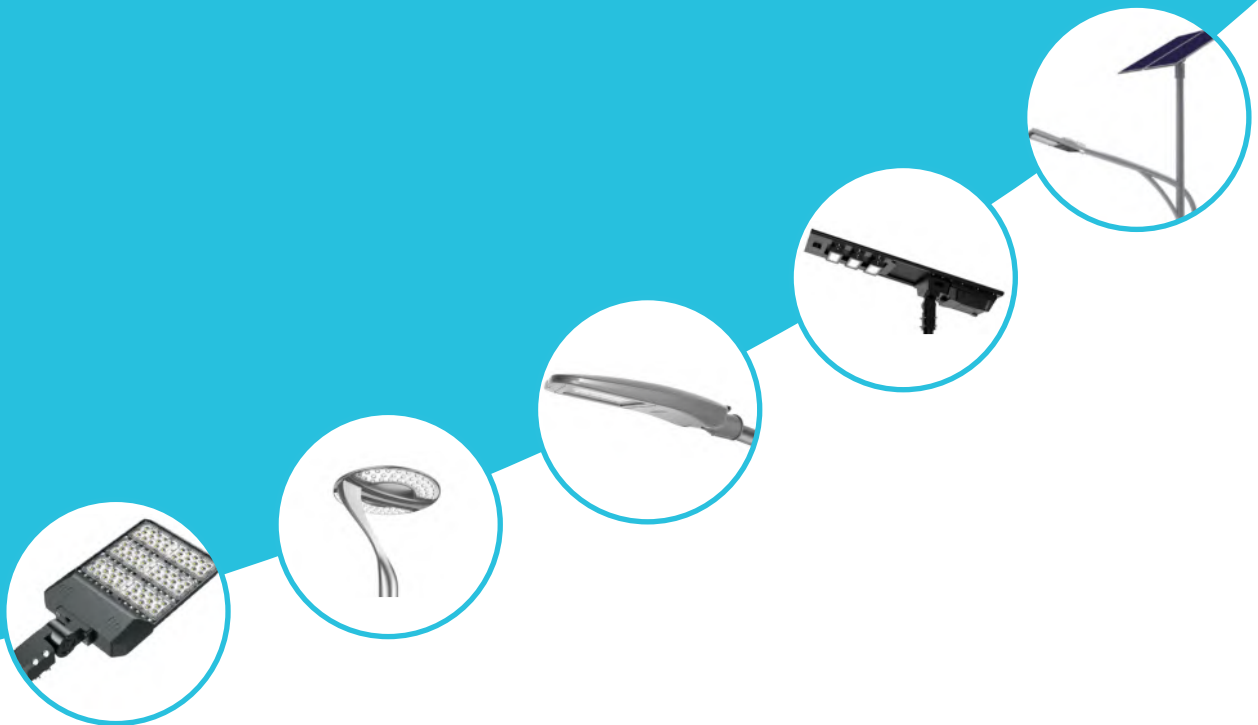
Model	Size (L x H x W)	No. of Faces	Maximum Input Power	Voltage
NLC HLEX	378 x 406 x 94 mm	1- Single Face	Red No Battery: 1.5 Watts Red With Battery: 2.5 Watts	220-240V/50/60Hz
		2- Double Face	Green No Battery: 2.3 Watts Green With Battery: 3.0 Watts	120-277V/ 50/60Hz

Environment friendly product that is free of any hazardous materials



# Street Lights

## ST Series



Environment friendly product that is free of any hazardous materials

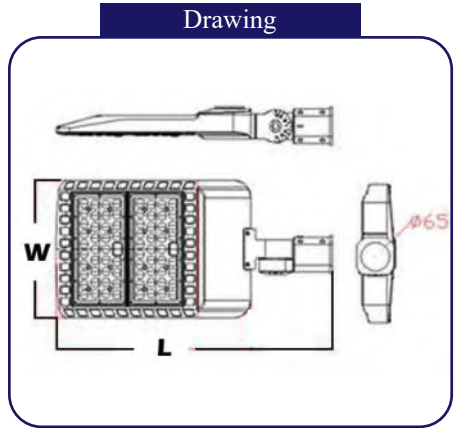
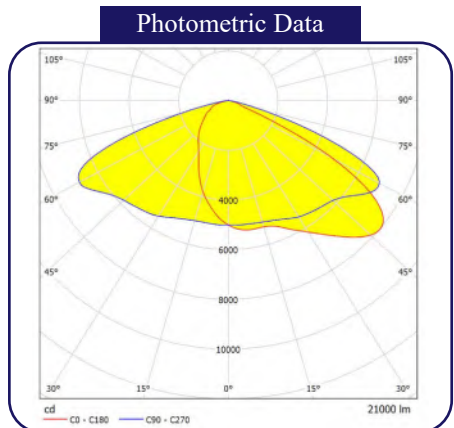


**ST Series** / **L87**

<b>Applications</b>	Outdoor - Neighborhoods, Parking Lots, Main and Sub roads, Gas Stations, Parks
<b>Mounting</b>	Pole
<b>THD</b>	< 10
<b>Power Factor</b>	0.98
<b>Housing</b>	Die cast aluminum
<b>Diffuser</b>	PC Lens
<b>Mounting adjustment</b>	-15 to +15
<b>Internal Protection</b>	IP 66
<b>Impact Strength</b>	IK 10
<b>Weight</b>	4.5 - 5.8 Kg
<b>Efficacy</b>	140 Lumens / Watt
<b>Working Temp (ta)</b>	60°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	100,000 Hours
<b>CRI</b>	> 80
<b>Certification</b>	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological



<b>Other Options</b>	Dimming 0-10V Photocell Slip Fitter bracket Trunion mount bracket Yoke mount bracket
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Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC L87	50W	471 x 300 x 82 mm	7000 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 5700K	60° 90° 155 x 80° 165 x 115° 90 x 120°
	80W		11200 LM			
	100W		14000 LM			
	150W	554 x 300 x 82 mm	21000 LM			
	200W	652 x 300 x 82 mm	28000 LM			
	240W		33600 LM			
	300W		42000 LM			

Environment friendly product that is free of any hazardous materials

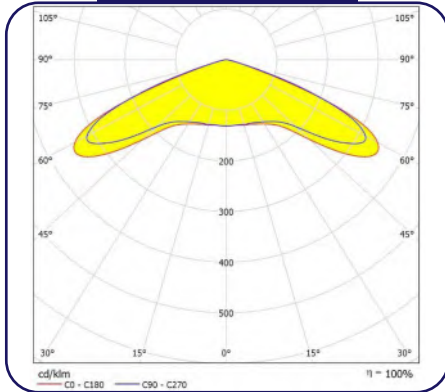




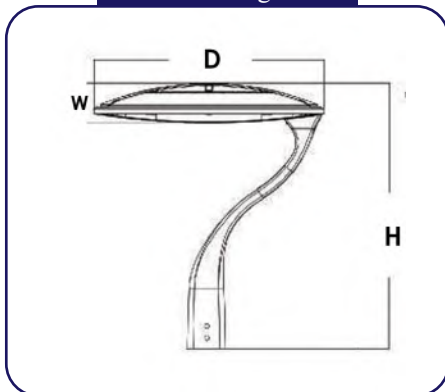
## ST Series

IP

Photometric Data



Drawing



### Applications

Outdoor - Neighborhoods, Parking Lots, Gas Stations, Parks, Walks

### Mounting

Post top

### THD

< 10

### Power Factor

0.98

### Housing

Die cast aluminum

### Diffuser

Tempered glass

### Internal Protection

IP 65

### Impact Strength

IK 08

### Weight

8.9 - 10.7 Kg

### Efficacy

125 Lumens / Watt

### Working Temp (ta)

60°C

### Warranty

5 Years

### Life Time

72,000 Hours

### CRI

> 80

### Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



### Other Options

Dimming 0-10V

Photocell

Pole Slip Fitter

Cable suspended



Model	Power	Size (D x H x W)	Lumen	Voltage	CCT	Beam Angle
NLC IP	25W	460 x 530 x 80 mm	3125 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 5700K	145°
	50W		6250 LM			
	75W		9375 LM			
	120W		15000 LM			



Environment friendly product that is free of any hazardous materials





**ST Series** / **L88**

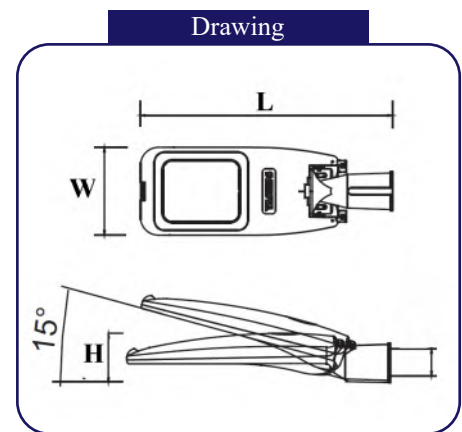
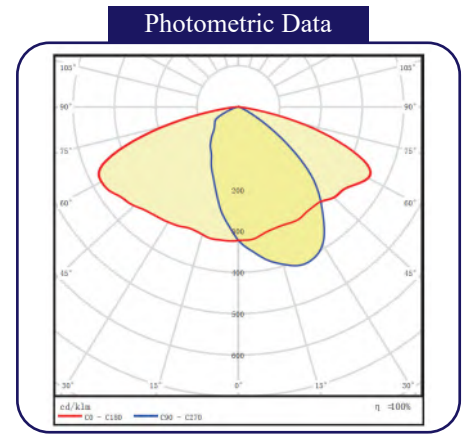
**Applications** Outdoor - Neighborhoods, Parking Lots, Main and Sub roads, Gas Stations, Parks

<b>Mounting</b>	Slip fitter - Pole
<b>THD</b>	< 10
<b>Power Factor</b>	0.95
<b>Housing</b>	Die cast aluminum
<b>Diffuser</b>	Tempered glass
<b>Internal Protection</b>	IP 66
<b>Impact Strength</b>	IK 09
<b>Weight</b>	4.4 - 6.8 Kg
<b>Efficacy</b>	150 Lumens / Watt
<b>Working Temp (ta)</b>	55°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	100,000 Hours
<b>CRI</b>	> 80

**Certification** SASO 2902  
LM79, ISTMT, TM21  
Photobiological



**Other Options** Dimming 0-10V  
Photocell  
High efficacy - 170LM/W



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
NLC L88	40W	558 x 195 x 108 mm	6000 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 5700K	120°
	60W		9000 LM			
	80W	612 x 262 x 110 mm	12000 LM			
	100W		15000 LM			
	120W	677 x 280 x 116 mm	18000 LM			
	150W		23250 LM			

Environment friendly product that is free of any hazardous materials 

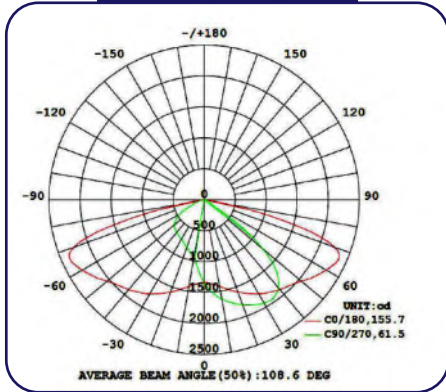




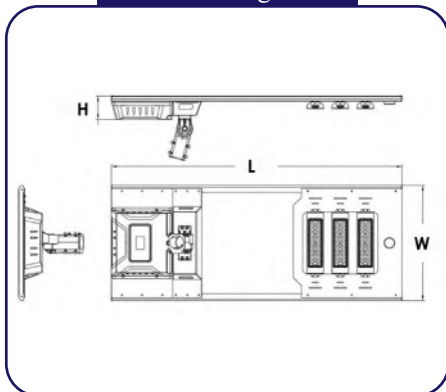
ST Series

S401

Photometric Data



Drawing



Applications

Outdoor - Neighborhoods, Parking Lots, Main and Sub roads, Gas Stations, Parks

Mounting

Post top

THD

< 10

Power Factor

0.98

Housing

Die cast aluminum

Lens

Polycarbonate

Charging Time

6-8 Hours

Internal Protection

IP 65

Impact Strength

IK 08

Weight

12 - 26 Kg

Efficacy

200 Lumens / Watt

Working Temp (ta)

60°C

Warranty

5 Years

Life Time

72,000 Hours

CRI

> 80

Certification

SASO 2902



UL Listed



LM79, ISTMT, TM21



Photobiological

Control Option

Dimming



Photocell sensor



Timing

Intelligent power saving

Microwave sensor or PIR sensor.

Model	Power	Size (D x H x W)	Lumen	Solar Panel Voltage (V)	CCT	Beam Angle
NLC-S401	30W	910 x 366 x 106mm	6000 LM	18V	3000K 4000K 5700K	T2=TYPE II T3=TYPE III T5=TYPE V
	50W	1210 x 366 x 106mm	10000 LM			
	80W	1060 x 550 x 110mm	16000 LM			
	100W	1145 x 550 x 110mm	20000 LM			
	120W	1390 x 550 x 110mm	24000 LM			






Environment friendly product that is free of any hazardous materials





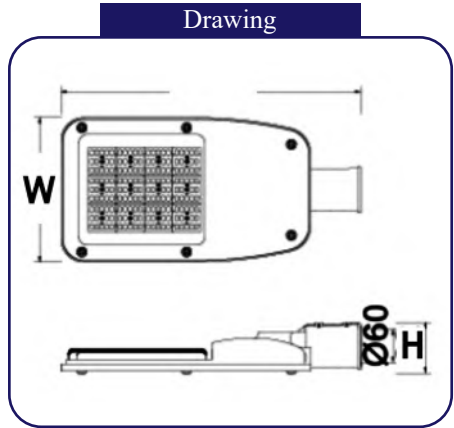
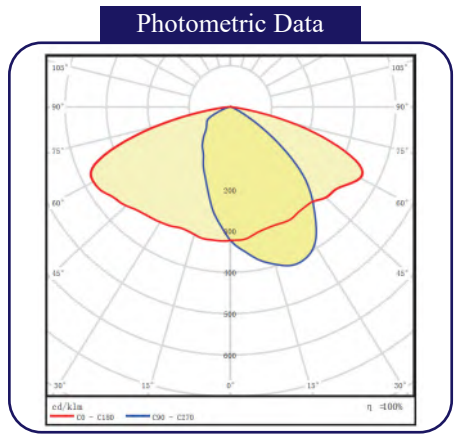
**ST Series** / **S501**

**Applications** Outdoor - Neighborhoods, Parking Lots, Main and Sub roads, Gas Stations, Parks

<b>Mounting</b>	Post top
<b>THD</b>	< 10
<b>Power Factor</b>	0.98
<b>Housing</b>	Die cast aluminum
<b>Diffuser</b>	Tempered glass
<b>Charging Time</b>	6-8 Hours
<b>Internal Protection</b>	IP 66
<b>Impact Strength</b>	IK 08
<b>Weight</b>	4.4 - 6.8 Kg (Fixture)
<b>Efficacy</b>	130 Lumens / Watt
<b>Working Temp (ta)</b>	60°C
<b>Warranty</b>	5 Years
<b>Life Time</b>	72,000 Hours
<b>CRI</b>	> 80

**Certification** SASO 2902   
 UL Listed   
 LM79, ISTMT, TM21  
 Photobiological 

**Control Option** Dimming   
 Photocell sensor   
 Timing  
 Intelligent power saving  
 Microwave sensor or PIR sensor.  
 Battery - Underground  
 Battery - Pole mounted



Model	Power	Size (D x H x W)	Lumen	Solar Panel Voltage(V)	CCT	Beam Angle
NLC-S501	40W	541 x 258 x 92mm	5200 LM	18V	3000K	TYPE II
	70W		9100 LM			
	90W		11700 LM			
	120W		15600 LM			
	140W		18200 LM			
					5700K	TYPE III

Environment friendly product that is free of any hazardous materials 

